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SUMMARY TECHNICAL REPORT
OF THE
NATIONAL DEFENSE RESEARCH COMMITTEE

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under pg. 6

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(SUMMARY TECHNICAL REPORT OF NDRC)

MASTER SUBJECT INDEX

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NATIONAL DEFENSE RESEARCH COMMITTEE
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NOTES ON THE ORGANIZATION OF NDRC

The duties of the National Defense Research Committee were (1) to recommend to the Director of OSRD suitable projects and research programs on the instrumentalities of warfare, together with contract facilities for carrying out these projects and programs, and (2) to administer the technical and scientific work of the contracts. More specifically, NDRC functioned by initiating research projects on request from the Army or the Navy, or on requests from an allied government transmitted through the Liaison Office of OSRD, or on its own considered initiative as a result of the experience of its members. Proposals prepared by the Division, Panel, or Committee for research contracts for performance of the work involved in such projects were first reviewed by NDRC, and if approved, recommended to the Director of OSRD. Upon approval of a proposal by the Director, a contract permitting maximum flexibility of scientific effort was arranged. The business aspects of the contract, including such matter as materials, clearances, vouchers, patents, priorities, legal matters, and administration of patent matters were handled by the Executive Secretary of OSRD.

Originally NDRC administered its work through five divisions, each headed by one of the NDRC members. These were:

- Division A — Armor and Ordnance
- Division B — Bombs, Fuels, Gases, & Chemical Problems
- Division C — Communication and Transportation
- Division D — Detection, Controls, and Instruments
- Division E — Patents and Inventions

In a reorganization in the fall of 1942, twenty-three administrative divisions, panels, or committees were created, each with a chief selected on the basis of his outstanding work in the particular field. The NDRC members then became a reviewing and advisory group to the Director of OSRD. The final organization was as follows:

- Division 1 — Ballistic Research
- Division 2 — Effects of Impact and Explosion
- Division 3 — Rocket Ordnance
- Division 4 — Ordnance Accessories
- Division 5 — New Missiles
- Division 6 — Sub-Surface Warfare
- Division 7 — Fire Control
- Division 8 — Explosives
- Division 9 — Chemistry
- Division 10 — Absorbents and Aerosols
- Division 11 — Chemical Engineering
- Division 12 — Transportation
- Division 13 — Electrical Communication
- Division 14 — Radar
- Division 15 — Radio Coordination
- Division 16 — Optics and Camouflage
- Division 17 — Physics
- Division 18 — War Metallurgy
- Division 19 — Miscellaneous
- Applied Mathematics Panel
- Applied Psychology Panel
- Committee on Propagation
- Improvement Administrative Committee

NDRC FOREWORD

AS EVENTS of the years preceding 1940 revealed more and more clearly the seriousness of the world situation, many scientists in this country came to realize the need of organizing scientific research for service in a national emergency. Recommendations which they made to the White House were given careful and sympathetic attention, and as a result the National Defense Research Committee (NDRC) was formed by Executive Order of the President in the summer of 1940. The members of NDRC, appointed by the President, were instructed to supplement the work of the Army and the Navy in the development of the instrumentalities of war. A year later, upon the establishment of the Office of Scientific Research and Development (OSRD), NDRC became one of its units.

The Summary Technical Report of NDRC is a conscientious effort on the part of NDRC to summarize and evaluate its work and to present it in a useful and permanent form. It comprises sixty-eight volumes broken into groups corresponding to the NDRC Divisions, Panels, and Committees.

The Summary Technical Report of each Division, Panel, or Committee is an integral survey of the work of that group. The first volume of each group's report contains a summary of the report, stating the problems presented and the philosophy of attacking them, and summarizing the results of the research, development, and training activities undertaken. Some volumes may be "state of the art" treatises covering subjects to which various research groups have contributed information. Others may contain descriptions of devices developed in the laboratories.

Some of the NDRC-sponsored researches which had been declassified by the end of 1945 were of sufficient popular interest that it was found desirable to report them in the form of monographs, such as the series on radar by Division 14 and the monograph on sampling inspection by the Applied Mathematics Panel. Since the material treated in them is not duplicated in the Summary Technical Report of NDRC, the monographs are an important part of the story of these aspects of NDRC research.

In contrast to the information on radar, which is of widespread interest and much of which is released to the public, the research on subsurface warfare is largely classified and is of general interest to

a more restricted group. As a consequence, the report of Division 6 is found almost entirely in its Summary Technical Report, which runs to 24 volumes. The extent of the work of a division cannot therefore be judged solely by the number of volumes devoted to it in the Summary Technical Report of NDRC: account must be taken of the monographs and available reports published elsewhere.

This master subject index volume is a consolidation of all the subject matter included in the individual indexes of all these divisional, panel, and committee reports, which together constitute the Summary Technical Report of NDRC.

It is therefore fitting that a roll of OSRD appointees should also appear in this volume. Here are listed the names of those who cooperated with such loyalty and brilliance in the defense of their country. Their contributions to victory, while serving in their various appointments under OSRD, are summarized in the Summary Technical Report volumes. While it is impossible to pay tribute individually to each of their many achievements, it is desired to express here to all of them, on behalf of the Nation, our warmest gratitude and appreciation.

In addition, it is appropriate to acknowledge here the work of the Summary Reports Group (SRG), in which responsibility for the production of the entire Summary Technical Report was vested. In another place in this volume, the operation of the group is reviewed, so that something of the magnitude of its task and the multiplicity of its problems can be appreciated.

In just over three years SRG completed its assignment in producing the sixty-eight STR volumes and two index volumes. That this time compares favorably with the work of long-established publishing houses, should reflect to the credit of SRG's staff. The carefully prepared and edited information in these volumes is of vital importance, and it is only fitting that our thanks should be expressed to SRG for its work in making this information available in a permanent and presentable form.

VANNEVAR BUSH, *Director*
Office of Scientific Research and Development

J. B. CONANT, *Chairman*
National Defense Research Committee

SUMMARY REPORTS GROUP FOREWORD

At some future time, another organization may be confronted with an assignment similar to that of the Summary Reports Group. It has therefore been suggested that at some place in these volumes a brief outline of the operational procedures of the group be given, in the hope that useful information will be afforded to interested parties. This volume, since it is to serve as the index for all the STR volumes, would appear to be the most logical place for such an outline, and therefore, this Foreword is largely a short but objective history of SRG.

The preparation and publication of the Summary Technical Report of NDRC has been the main responsibility of the Summary Reports Group. During the early phases of this work, OSRD defined the Summary Technical Report as a series of uniform volumes summarizing, for a technically trained group of readers, the scientific program of NDRC. It was to be a classified report to the Army and Navy in fulfillment of the final obligations of NDRC. In addition to the Services, the furnishing of copies of the STR was also authorized to the British Commonwealth Scientific Office and to the Library of Congress.

Even while the utmost energies of OSRD were still committed to the prosecution of wartime research, the necessity for the eventual publication of an STR was apparent to Dr. Vannevar Bush and his colleagues. Accordingly, on August 9, 1944, he officially authorized the project and on August 17 the Executive Secretary, Dr. Irvin Stewart, sent out a memorandum to all Division and Panel Chiefs and Committee Chairmen, requesting that they start making plans for the preparation of manuscript. Dr. K. H. Condit of NDRC was appointed Special Consultant, and further memoranda were issued by him, giving more explicit instructions on the scope, contents and mechanics of preparation for the volumes.

The first unit to commence work on its portion of the STR was Division 6, and to handle this project the Summary Reports Group (Contract OEMSr-1131) was formed, under the Columbia University Division of War Research, on March 1, 1945. Dean George B. Pegram, Chairman of CUDWR, gave his wholehearted interest and support to the work, which was at first directed by Dr. Edwin H. Colpitts, Chief of Section 6.1 of Division 6. After discussions on style and format had been settled, a style guide was pre-

pared; this was later distributed to printers and division editors as a guide for all the STR volumes.

Upon the ending of hostilities in August 1945, and the consequent rapid transition of the majority of NDRC personnel to peacetime pursuits, it became apparent that unless SRG were charged with the task of producing all the STRs, many of them would go by default. Accordingly, on August 30, 1945, a conference was held in Washington, under the chairmanship of Dr. H. M. Chadwell, to plan the future of the project. Representatives of SRG and of most of the Divisions, Committees and Panels of NDRC were present. During the meeting, editors were nominated for those volumes not yet started, and matters of editorial style and policy were discussed. A flow sheet for the handling of manuscript and proofs, and a system for the preparation of art were established.

After the conference, the Group had a clearer conception of the magnitude of its assignment and the various procedures involved, from the drafting of the rough manuscript to the delivery of the bound volumes to the Services. Accordingly, the staff was enlarged to meet the requirements of its tasks, and several new departments with specific functions were formed. At its maximum, the office staff numbered 86 persons. The first major problem confronting the group was the enlistment of printing facilities for the seventy volumes. This was originally intended to be the responsibility of the Government Printing Office, but since this office was already committed to other high priority work, a separate printing contract with the Treasury Department (Tps-74199), was awarded to Columbia University Press, who planned to have all the STRs printed by one New York firm. A further modification in the printing arrangements was necessary when it became apparent that no one firm would be able to complete the assignment within a reasonable space of time. Accordingly, with CU Press approval and cooperation, SRG sought for and finally contacted additional printers in New York, Boston, Chicago, Philadelphia and even California, who were willing and able to print the balance of the volumes. Since most printing houses were at that time inundated with orders, this was by no means a simple problem; it was further complicated by the fact that only firms cleared for the handling of classified material could be given the work. Even after the services

of printers had been procured, much additional responsibility for SRG, unanticipated at the start, was entailed in maintaining the utmost pressure on them and in following up printing and make-up instructions.

In its three years of existence, the Group has been faced with many other difficulties: the paper shortage, the security question, the lack of trained personnel, the poor condition of hastily prepared manuscripts, the highly technical nature of the material itself—these are only some of the problems. That the job could be performed more expeditiously and efficiently were it to be undertaken again goes without saying; it must be remembered that the Group was unique in the character and magnitude of its assignment, and that consequently a certain number of mistakes were inevitable. That the work was completed successfully is largely due to the integrity of the majority of the staff, and the enthusiasm with which they tackled their many problems. In order that SRG's approach to these problems may be better appreciated, a description of the various departments follows.

As already mentioned, the original assignment of SRG was the preparation of the Division 6 STR. When, after the August 1945 meeting, SRG's responsibilities were extended to all the STRs, a separate Division 6 Department was formed to continue the editing and writing of that unit's twenty-four volumes. This work was headed by John S. Coleman, one of the Assistant Directors of SRG.

A Liaison Department was created to maintain contact with the Division authors and editors in an effort to expedite the completion of manuscript, and the return of galley proofs and cut dummies sent out for a technical reading. In addition, this department, established by Milton Silverman and later under Kathryn Setze, was responsible for the writing of the entire Division 12 STR, and the compilation of the three Committee on Propagation STR volumes from previous report and conference material. In the later phases of the project, the liaison work for the Division 6 volumes, mainly consisting of the handling of galley and page proof for these books, became another of the responsibilities of Liaison Department.

For the formidable tasks of editing the manuscript, checking it for style and marking it for the printer, a Copy Editing Department, first under B. F. Boardman and later under Ruth Christman, was formed.

Personnel with previous editorial experience was recruited whenever possible, but such individuals were not readily available, and many in the department were without training in their new field. That they were able to surmount their numerous editorial problems so successfully is largely due to the excellent leadership and vast experience of Miss Christman in the fields of editing, printing and typography of technical books. In addition to its work on manuscript, the department was engaged in the reading of all galley proofs, the transmittal to the printers of authors' corrections, and the reading and checking of page proofs. The total of 21,000 pages for the 70 volumes will afford some idea of the magnitude of the editorial task.

In the meantime, the Art Department, under Carl B. Holmes, was operating in high gear on the more than 30,000 figures selected by volume editors as illustrations for the text of the STRs. It was found that 80 per cent of this art work was not in suitable condition for reproduction as submitted; some were redrawn entirely, others relettered or otherwise touched up. Backgrounds and other irrelevant details in photographs were blocked out, and emphasis given to the important features of the device or equipment to be portrayed. At its peak, the Art Department numbered fifteen persons; by the end of 1946 its work was substantially completed and it was disbanded. The original pieces of art were eventually shipped to the Historical Records Section of the Adjutant General's Office in Washington, except in cases where they were on loan and had to be returned to the lending agency.

It was evident that in order to furnish easier access to the enormous amount of technical information in the STR, good subject indexes were essential. The Indexing Department undertook this assignment, and, in addition, consolidated all the individual volume index material, comprising over 60,000 entries, into the Master Subject Index Volume. SRG was fortunate in having the services of C. B. Ellis, and later of Beatrice Lawrence to head the department in this work, which entailed so much careful and detailed organization.

In addition to the production of the STRs, SRG was charged with the responsibility of making a permanent and accessible record of the more than 15,000 NDRC reports and other reference material which is listed in the STR bibliographies. Accordingly, a Microfilm Department under the able direction of

J. P. Sondheimer was organized to index and record this material on 35 mm microfilm, of which negative copies have been made available to the Army, the Navy, and the Library of Congress. The Microfilm Index appears in a separate volume in the STR series.

The Production Department, with W. A. Bayless, Jr. as Production Manager, was charged with the responsibility of routing and checking all the STR as it proceeded through the various phases of the flow chart from manuscript to galley and from page proof to bound volume. Even with the delivery of a completed book to the Services, SRG's obligations were not ended, for each piece of manuscript, galley, and page proof, each original figure and engraver's cut must be accounted for and disposed of in accordance with previous arrangements with OSRD and the Services, and with the existing security regulations. In addition to these routine functions, this department found itself charged with the task of conducting many transactions with the printers, engravers and binders. In fact, in order to expedite to the utmost publication of the STR volumes, the SRG Production Manager was obliged to devote a great deal of time to follow-up work, making constant trips to the various establishments involved. It is to his great credit that he was able to maintain constant watch over these outside problems while still attending to the efficient operation of his department.

In concluding this outline of the functions of the various departments of SRG, mention must be made of the Administrative Department, headed by Betty Hofstadter, Administrative Assistant. This unit's difficulties were enhanced by the unusually rapid turnover in SRG personnel resulting from the temporary nature of the work. However, it succeeded admirably in handling all personnel problems, in addition to those of payroll, property, records, files, and a number of other important details essential to a smooth-running organization. Some credit for this must be given to the Business Office of the Government Contract Division of Columbia University, whose cooperation throughout the project was invaluable.

While it is not the purpose of this foreword merely to present a series of excuses for the time delays incurred in the production of the seventy STR volumes, it is believed that an objective analysis might prove useful. As already mentioned, SRG made mistakes, and lessons have been learned. Then surely no one is in a better position than SRG itself to offer construc-

tive answers to the question: Why has it required more than three years to complete a project originally estimated to require fifteen months?

Obviously, many miscalculations were responsible for this first optimistic estimate. Some of the delays in schedule resulted indirectly from the ending of the war, and in surveying the work of SRG, it might be well to deal with these delays first. The return to peacetime jobs of almost all of the NDRC research workers who were required to contribute to the STR can be blamed for serious time lags in the preparation of the manuscript. No man involved with the personnel problems of transferring to a post-war industrial or academic career, in many cases necessitating a change in domicile also, can be expected to devote many hours a day to the writing of technical reports. It was possible for SRG to compensate most of these authors for their work by putting them on the payroll, after they had severed their connections with OSRD, but nevertheless, the average time lag in the delivery of completed manuscript was four months after the promised delivery dates; in two cases, it was ten months late.

Not only was manuscript delayed, but its quality was impaired by the confusion of the post-war transition. For the preparation of material as technical and as full of mathematics and chemical formulae as the STR, time, office facilities and skilled assistance are needed, or the manuscript cannot be considered in fit condition for transmittal to the printers. This unfortunately, was the case with much of the STR text, and thus time and expenses were required later to rectify errors that had crept into galley and even page proof.

It is to be regretted that those responsible for the STR manuscript could not have begun sooner on this work, and that they could not have been retained in a full-time capacity on the OSRD payroll until their responsibilities in this connection had been fulfilled. In this way, they would have had access to adequate clerical assistance under a centralized control, and they would not have been exposed to so many diversions from outside sources.

For the technical reading of galleys, however, it would not be necessary to retain personnel in OSRD. It was the experience of SRG that this can be considered a spare time assignment and can be done concurrently with other work; it was only necessary to put such readers, in most cases the authors themselves, on the SRG payroll and reimburse them on an

hourly basis. With some exceptions, division readers were very prompt in returning to SRG the proofs sent them. They were usually given two weeks in which to read galleys and check cut dummies; stamped and addressed envelopes were enclosed to facilitate return, and a set of proof-readers' conventions also included. In the cases where material was not returned promptly, it was generally found that the readers had not been asked by the volume editor to do this work in the first place. SRG has learned that it is advisable to obtain a written commitment from a reader, at the time he is nominated, that he will be willing to read proof promptly when it is sent to him.

Undoubtedly the most serious single delay factor in the project was the condition of the printing industry during the post-war period. Inundated with work which had been shelved during the war years, short of skilled operators, equipment and materials, the printing houses of the nation were hard-pressed to satisfy the demands of their regular customers, and were not eager to undertake outside work of a temporary nature. Owing to their lack of experience and equipment for setting copy of a technical character, some of the printers working for SRG had difficulties with the many highly complex equations and formulae in the STR. This led to production delays; in some cases it was necessary for SRG to return page proof three or four times before it was in correct form.

Obviously, if a similar project is to be undertaken in the future, the most desirable arrangements would be to deal with one printing establishment only, and that one to be experienced in working with scientific material. Perhaps the most satisfactory solution of the production problem would lie in the adoption of a photo-offset printing method, by which manuscript is prepared on special typewriters and is reproduced in that exact form by photo-offset. Some clarity and detail would probably thus be lost in the halftone figures, but an immeasurable saving would be effected in time and expense by eliminating the necessity for proof reading and checking procedures once the final manuscript had received approval. Needless to state, this method was given serious consideration during the early stages of SRG. However, due to the shortage of both equipment and experienced operators, it was found impractical at that time.

Difficulties caused by classification were encountered throughout the project. During the early phases, it had been hoped and expected by OSRD that approximately one-third of the volumes would be de-

classified in their entirety before going to press, and consequently could be made available to the public. But during 1946 and 1947 the policy of the Services became increasingly conservative; in the case of some volumes, they actually raised the classification from a lower one. Eventually, only eight volumes were given clearance by the Joint Review Board and could be printed as open literature.

A final problem for SRG was found in the selection of its own staff. Persons with a variety of backgrounds were sought: scientific, editorial, artistic, typographic, librarian, printing—to name only some, but at a time when everyone was seeking a permanent position, SRG did not have very much to offer but a temporary though interesting and important assignment. It should reflect to the great credit of those who elected to remain with the project for as long as they were needed, and worked so conscientiously to ensure that the STR appear in as satisfactory a condition as possible.

Credit is also due to those ex-members of the divisions, committees and panels of NDRC who gave freely of their time in serving as technical editors. In some cases, they showed an interest in their volumes up to the very last, in spite of their preoccupations with other affairs, and were always ready to render advice and assistance when requested by SRG. Unquestionably, in the instances where such cooperation was given, it can clearly be seen in the quality of the completed volumes.

During the final period, the Director was able to spend less and less time on the project and Dennis Puleston, Assistant Director, took on more and more responsibility for the management of SRG. Great credit is due him for the able and patient way in which he steered the group through the many terminal difficulties.

At Columbia University Press, Mr. Melvin Loos should be mentioned for the special help he gave to SRG. A lifetime's experience in the publication of technical works enabled him to afford valuable advice on questions of style and format, and he worked ably as a contact between SRG and the printing houses with which the STR work was allocated.

Acknowledgements must also be made to H. M. Chadwell, L. H. Farinholt, E. W. Scott, Cleveland Norcross and R. C. Bowker for the very valuable assistance they gave to the project while acting as OSRD Scientific Officers and Contracting Officers. It would have been impossible to operate effectively

without having SRG interests represented by them in Washington. On problems concerning the contract and its amendments, the classification of STR material, and the distribution procedures for the volumes, the support of these men was particularly notable.

In conclusion, appreciation must be expressed to Dr. Bush for the vital interest he has taken in the project. By fostering the idea from its conception and

in following it through to its conclusion, he should be accorded the ultimate credit for all the seventy Summary Technical Report volumes, with their wealth of technical information so essential, in the Nation's interests, to future scientific research.

WALLACE WATERFALL
Director SRG

INTRODUCTION

THIS volume provides an alphabetical index to the information contained in all of the 68 Summary Technical Reports of NDRC. This index is followed by a listing of the chapter headings for each Report, and the roll of all personnel who served with OSRD from its inception in 1940 to its close in 1947.

The Microfilm Index volume, being self-contained, is the only Summary Technical Report not included in this index.

The arrangement of this index is conventional, requiring no highly technical background on the part of the user. The following abbreviations are employed to refer to the Panels and Committees of NDRC:

<i>Panel or Committee</i>	<i>Abbreviation</i>
Applied Mathematics Panel	AMP
Applied Psychology Panel	APP
Committee on Propagation	CP
Tropical Deterioration Committee	TD

These abbreviations are used as illustrated: A scope, radar, Vol. APP-2: 235-246; Vol. 14-2: 31 where Vol. APP-2: 235-246 refers to pages 235-246 of Volume 2 of the Applied Psychology Panel. The Divisions of NDRC are designated numerically. Thus in the above example, Vol. 14-2: 31 refers to page 31 of Volume 2 of Division 14. For a complete listing of the Divisions and of the Panels and Committees of NDRC, see page iv.

The direct compilation of this volume was the responsibility of the Indexing Department of the Summary Reports Group. But as the key to the entire Summary Technical Reports series, this volume is essentially the co-ordinated enterprise of all of the various Divisions, Panels, and Committees of NDRC.

BEATRICE M. LAWRENCE
Editor

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^a For facility of handling, this Summary Technical Report of Division 9, Volume 1, has been bound and published in two sections. The first section contains Part I and Part II of Volume 9-1. Parts III—VI are found in the second section, together with the Glossary, Bibliography, OSRD Appointees, Contract Numbers, Project Numbers, and Index, all of which are applicable to both sections of Volume 9-1.

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H. G. Brewer, Technical Aide
C. E. Waring, Technical Aide
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T. L. Donahue, Admin. Officer
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 ABELSON, PHILIP H.
 Mbr Conslt Panel S-1 Excc Comm
 NDRC *Conslt* Sec X Div A; S-1 Sec
 ADAMS, ELLIOTT Q.
 NDRC *Conslt* Sec C6 Div C; Sec 16.5 Div 16
 ADAMS, L. H.
 NDRC *Spec Asst* to Chmn. *Chief* Div 1. *Chmn* Sec A Div A
 ADAMS, ROGER
 Mbr Insect Control Comm
 NDRC Mbr NDRC; Explosives Res Lab Comm (Bur Mines Comm). *Vice Chmn* Div B. *Chmn* Div B; Secs A2, B9, B9c, B9d Div B. *Actg Chmn* Sec A4 Div B
 ADAMS, WALTER SYDNEY
 NDRC *Conslt* Div D
 ADKINS, HOMER
 NDRC Mbr Secs A2, B1a, B2a, B3a Div B; Div 9. *Conslt* Secs B2, B2a Div B. *Chmn* Secs B1c, B3c Div B
 ADLER, HOWARD
 NDRC *Conslt* Sec 11.3 Div 11
 AGINS, GEORGE
 NDRC Mbr Sec 7.6 Div 7
 AIKEN, CHARLES B.
 NDRC Mbr Sec T Div A
 ALBERTSON, WALTER E.
 OFS *Contr Employee*
 ALBRECHT, HAROLD W.
 NDRC *Conslt* Div 15; Chmns Ofc. *Tech Aide* Div 15
 ALDERKS, OTTO H.
 NDRC *Conslt* Div 9
 ALEXANDER, HARVEY B.
 NDRC *Conslt* Sec H Div A; Div 3
 ALGER, PHILIP L.
 NDRC *Conslt* Div 1
 ALLEN, ALEXANDER J.
 NDRC *Conslt* Sec D1 Div D; Sec T Div A
 ALLEN, HENRY B.
 NDRC *Vice Chmn & Mbr* Sec A Div A. *Dpty Chief* Div 1
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 NDRC *Admin Officer* Sec 6.1 Div 6
 ALLENDOERFER, CARL B.
 OFS *Contr Employee*
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 NDRC *Asst War Dept Liaison Officer* for NDRC. *Conslt* Sec D1 Div D
 ALLISON, DONALD K.
 NDRC *Dpty Chief* Engineering Panel. *Conslt* Engineering & Transition Ofc; Div 3
 ALLISON, JOHN L.
 NDRC *Tech Aide* Sec 13.1 Div 13
 ALLISON, SAMUEL K.
 Mbr Conslt Panel S-1 Exec Comm
 NDRC *Conslt* Div A; Sec X Div A. Mbr S-1 Sec; Power Production Subsec S-1 Sec
 ALVAREZ, LUIS W.
 NDRC *Conslt* Sec D1 Div D
 ANDERSON, ALVIN G.
 NDRC *Tech Aide* Div 3; Div 6
 ANDERSON, CARL D.
 NDRC Mbr Sec C4 Div C
 ANDERSON, COMDR. R. A. (USNR)
 OES *Admin Asst* Patent Div (assigned to Spec Proj)
 ANDREWS, CHESTER E.
 NDRC *Conslt-in-Genl* Div B
 ANDREWS, WILLIAM A.
 NDRC *Conslt* Sec D1 Div D
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 CMR *Asst* to Chmn. *Tech Aide. Chief* Div Medicine
 ANSBACHER, H. L.
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 OFS *Contr Employee*
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 NDRC Mbr Tropical Deterioration Admin Comm
 ARCHAMBAULT, BENNETT
 LO *Head* London Mission
 ARMENTROUT, LT. JOHN B. (USNR)
 OES *Patent Adviser* Patent Div (assigned to NDRC Divs 1, 2)
 ARMITAGE, LT. NORMAN C. (USNR)
 OES *Patent Advisor* Patent Div (assigned to Spec Proj)
 ARMSTRONG, WALLACE D.
 Conslt S-1 Exec Comm
 ARNOLD, GEORGE J.
 NDRC Mbr Optical Instruments & Photographic Equip & Supplies Subcomm Tropical Deterioration Admin Comm
 ASMUTH, A. WILLIAM, JR.
 OES *Atty* Legal Div
 ASPINALL, SAMUEL R.
 NDRC *Tech Aide* Secs B2, B4 Div B; Sec 8.2 Div 8; Div 8
 ASTIN, ALLEN V.
 NDRC *Conslt* Div 4
 ASTON, JOHN G.
 NDRC *Conslt* Secs A1, B2a Div B
 ATKIN, MORRIS
 OFS *Contr Employee*
 ATTWOOD, STEPHEN S.
 NDRC *Conslt* Propagation Comm
 ATTWOOD, LT. COMDR. N. A. (USNR)
 OES *Patent Advisor* Patent Div (assigned to NDRC Div 15)
 AURAND, MAJ. GEN. HENRY S.
 OSRD Mbr Advisory Council
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 NDRC *Conslt* Sec B3c Div B; Div 9
 AYDELOTTE, FRANK
 Spec Asst to Director. *Chmn* Scientific Persnl Comm
 AYER, FREDERICK, II
 LO *Spec Asst* (London)
 AYRES, EUGENE E.
 NDRC *Conslt* Sec B1d Div B; Sec 8.1 Div 8

- BABCOCK, DALE F.
NDRC *Conslt* Sec B7 Div B; Sec 11.1 Div 11
- BACHER, ROBERT F.
NDRC *Conslt* Power Production Subsec S-1 Sec
- BACHMANN, WERNER E.
NDRC *Mbr* Secs A1, B2a Div B; Sec 8.2 Div 8; Div 8
- BACON, FREDERICK S.
NDRC *Conslt* Sec B7b Div B
- BAILAR, JOHN C., JR.
NDRC *Mbr* Sec A3 Div B. *Conslt* Sec B3b Div B
- BAILEY, GEORGE W.
Secy Scientific Persnl Comm. Chief Scientific Persnl Ofc.
Chmn Agency Selective Service Comm
NDRC *Spec Asst* to Chmn
- BAINBRIDGE, EDMUND
NDRC *Engnr* Engineering & Transition Ofc
- BAINBRIDGE, KENNETH T.
NDRC *Conslt* Div D
- BAKER, GEORGE W.
NDRC *Conslt* Sec T Div A
- BAKER, WALTER R. G.
NDRC *Conslt* Sec D1 Div D. *Mbr* Sec D-M Div D; Div 14
- BALL, ERIC G.
NDRC *Conslt* Sec B4c Div B; Div 9
- BALL, JAMES F.
OES *Atty* Legal Div
- BALLAR, JOHN C., JR.
NDRC *Mbr* Sec A3 Div B. *Conslt* Sec B3b Div B
- BALMER, HAROLD F.
OFS *Contr Employee*
- BANNER, PAULETTE
OES *Admin Asst* Patent Div
- BARBER, CHARLES W.
NDRC *Conslt* Sec B Div A; Div 2
- BARD, PHILIP
CMR *Spec Conslt*
- BARGHOORN, ELSON S.
OFS *Contr Employee*
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OES *Atty & Genl Counsel* Legal Div
Mbr Contr Settlement Review Bd
- BARKER, H. D.
NDRC *Mbr* Coordination of Test Methods Subcomm Tropical Deterioration Admin Comm
- BARNARD, CHESTER I.
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- BARNARD, KENNETH H.
NDRC *Mbr* Textiles & Cordage Subcomm Tropical Deterioration Admin Comm
- BARNES, COL. GLADEON M.
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- BARRON, MAURICE
OFS *Contr Employee*
- BARROW, WILMER L.
NDRC *Conslt* Sec D1 Div D; Div 14
- BARTELL, FLOYD E.
NDRC *Conslt* Sec L11 Div B; Sec B6 Div B; Div 10
- BARTEMEIER, LEO H.
OFS *Contr Employee*
- BARTKY, WALTER
OFS *Conslt*
NDRC *Conslt* Applied Math Panel
- BARTLETT, PAUL D.
NDRC *Mbr* Secs A2, B3a Div B. *Conslt* Sec B4c Div B; Div 9
- BARTON, HENRY A.
LO *Conslt*
Mbr Scientific Persnl Comm; Sensory Devices Comm
- BASS, LAWRENCE W.
NDRC *Spec Asst* to Chmn. *Tech Aide* Chmns Ofc; Div 11
- BASSETT, PRESTON R.
NDRC *Chief* Sec 7.4 Div 7. *Mbr* Sec D-M Div D; Div 7
- BATCHELOR, HARRY D.
NDRC *Conslt* Sec T Div A
- BATCHELOR, JOHN C.
OES *Patent Advisor* Patent Div (assigned to NDRC Div 14)
NDRC *Conslt* Sec D1 Div D; Div 14
- BATES, JAMES L.
NDRC *Mbr* Sec C7 Div C; Sec 12.1 Div 12; Div 12
- BATH, CARL C.
OFS *Contr Employee*
- BAUMANN, CARL
OFS *Contr Employee*
- BAXTER, GREGORY P.
NDRC *Conslt* Div B; Sec B3b Div B. *Mbr* Sec L3 Div B.
Chmn Sec B1c Div B
- BAXTER, JAMES P., III
OSRD *Historian*
Mbr Publications Comm
- BAY, EMMET B.
CMR *Conslt Dpty Chief* Div Medicine. *Chief* Sec 4 Div Medicine
- BAZZONI, CHARLES B.
NDRC *Mbr* Sec 17.1 Div 17
- BEAL, RALPH R.
NDRC *Mbr* Sec D1 Div D
- BEAMS, JESSE W.
Mbr *Conslt* Panel S-1 Exec Comm
NDRC *Mbr* S-1 Sec; Power Production Subsec S-1 Sec
- BEARDEN, JOYCE A.
NDRC *Conslt* Sec T Div A
- BEATTY, RALPH E., JR.
OFS *Contr Employee*
- BECICH, JOHN P.
OFS *Contr Employee*
- BECKER, JOSEPH A.
NDRC *Conslt* Secs D3, D4 Div D
- BECKER, ROBERT A.
NDRC *Conslt* Secs E, T Div A
- BECKLER, DAVID Z.
LO *Tech Aide*
- BEEK, JOHN, JR.
NDRC *Conslt* Sec H Div A; Div 3
- BEEKLEY, JOHN S.
NDRC *Conslt* Sec 8.2 Div 8
- BEGGS, GEORGE E., JR.
NDRC *Tech Aide* Secs 17.1, 17.2 Div 17
- BEGUN, SEMI J.
NDRC *Mbr* Sec 17.1 Div 17

BELL, MAURICE E.
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BEMIS, ALAN C.
NDRC *Chmn* Sec D4 Div D. *Dpty Chief* Sec 5.5 Div 5. *Mbr*
Sec 16.4 Div 16; Sec 5.5 Div 5

BENNETT, GEORGE K.
NDRC *Mbr* Applied Psychology Panel

BENNETT, RALPH D.
NDRC *Conslt* Sec X Div A

BENT, HENRY E.
NDRC *Mbr* Secs A3, B3b Div B. *Conslt* Div 9

BENT, LEAVITT N.
NDRC *Conslt* Div B; Div 8

BENTON, ARTHUR F.
NDRC *Mbr* Sec L11 Div B. *Conslt* Sec B6 Div B

BENTON, LORRAINE C.
OES *Admin Asst* to Exec Secy

BERANEK, LEO L.
NDRC *Conslt* Div C. *Mbr* Sec C9 Div C

BERGMANN, MAX (deceased)
NDRC *Conslt* Sec B4c Div B; Div 9

BERKNER, L. V.
NDRC *Conslt* Sec T Div A; Sec C1 Div C

BERLE, ALF K.
OFS *Contr Employee*

BEST, ROBERT J.
OFS *Contr Employee*

BETH, RICHARD A.
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NDRC *Conslt* Sec B Div A; Div 2. *Mbr* Div 2

BETHE, HANS A.
NDRC *Conslt* Sec B1b Div B; Sec 8.1 Div 8

BEVERAGE, HAROLD H.
NDRC *Conslt* Divs D, 15, 13. *Mbr* Secs 13.4, 13.7 Div 13;
Propagation Comm

BIBBY, BASIL G.
Conslt S-1 Excc Comm

BIGELOW, L. A.
NDRC *Mbr* Sec B3d Div B. *Conslt* Div 9

BILLINGS, HOWARD J.
NDRC *Mbr* Sec B7d Div B

BILLINGS, MARLAND P.
OFS *Contr Employee*

BILLS, CHARLES E.
NDRC *Conslt* Sec B9c Div B; Div 11

BINGLEY, FRANK J.
NDRC *Conslt* Sec C1 Div C; Sec 13.4 Div 13; Div 5. *Mbr*
Sec 5.3 Div 5

BIRKHOFF, GARRETT
NDRC *Conslt* Applied Math Panel

BIRKHOFF, GEORGE D. (deceased)
NDRC *Conslt* Applied Math Panel

BLACET, FRANCIS E.
NDRC *Mbr* Sec B6 Div B; Div 10

BLACK, HAROLD L.
NDRC *Tech Aide* Div 1

BLACK, K. C.
NDRC *Mbr* Divs 5, 13, 15

BLACKSTONE, SHIRLEY P.
OES *Chief* Admin Services Sec

BLACKSTONE, HENRY
NDRC *Mbr* Sec 5.5 Div 5

BLAIR, ALEXANDER B.
OES *Patent Atty* Patent Div

BLAIR, FRANK W.
NDRC *Conslt* Div 9

BLAKE, CHARLES H.
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BLAKE, FRANCIS G.
CMR *Spec Conslt* CMR; Sec 1 Div Medicine

BLATT, A. H.
LO *Tech Aide* (Washington & London)
NDRC *Tech Aide* Div 8; Sec 8.2 Div 8

BLEAKNEY, WALKER
NDRC *Vice Chmn* Sec B Div A. *Chief* Sec 2.2 Div 2. *Dpty*
Chief Div 2. *Conslt* Secs B, S Div A. *Mbr* Secs B, S
Div A; Div 8; Div 1; Engineering Panel

BLISS, ROBERT H.
NDRC *Conslt* Sec B7b Div B; Sec 11.1 Div 11

BLODGETT, EDWARD D.
NDRC *Conslt* Sec C1 Div C; Sec 13.1 Div 13; Div 13

BLOMQUIST, ALFRED T.
NDRC *Conslt* Sec B2a Div B. *Mbr* Sec 8.2 Div 8

BLOOM, WILLIAM B.
NDRC *Conslt* Sec B4a Div B; Div 9

BLOOMFIELD, ARTHUR L.
CMR *Mbr Spec Conslt* Panel

BLOOMFIELD, RICHARD A.
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NDRC *Conslt* Sec C1 Div C

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OFS *Contr Employee*

BOHNENBLUST, HENRI F.
NDRC *Conslt* Sec B Div A; Div 2

BOLT, RICHARD H.
NDRC *Tech Aide* Sec 6.1 Div 6

BOLTON, ELMER K.
NDRC *Conslt* Div B; Div 9

BOMBE, ARIBERT A.
Tech Aide Sensory Devices Comm
NDRC *Tech Aide* Engineering & Transition Ofc

BOND, HORATIO
NDRC *Conslt* Sec 11.3 Div 11

BONNER, LYMAN G.
NDRC *Conslt* Div 1

BONNER, WALTER D.
NDRC *Conslt* Div 10

BOOTH, EUGENE T.
Conslt S-1 Exec Comm

BOOTH, RALPH D.
NDRC *Vice Chmn* Div C. *Chmn* Sec X. *Dpty Chief* & *Mbr*
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BORDEN, BRIG. GEN. WILLIAM A.
OSRD *Mbr* Advisory Council

BORING, EDWIN G.
NDRC *Mbr* Sec C8 Div C; Sec 16.3 Div 16

- BOVEE, CLIFTON W.
NDRC *Conslt* Sec B3b Div B
- BOWEN, EARL K.
OFS *Contr Employee*
- BOWEN, REAR ADM. H. G.
NDRC *Mbr*
- BOWEN, IRA S.
NDRC *Conslt* Sec H Div A. *Mbr* Sec 16.1 Div 16
- BOWEN, NORMAN L.
NDRC *Conslt* Div 1
- BOWEN, WILLIAM S.
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- BOWER, LT. ALBERT F. (USNR)
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- BOWIE, ROBERT M.
NDRC *Conslt* Sec E Div A
- BOWKER, ROY C.
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Mbr & Chmn Contr Settlement Review Bd
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NDRC *Mbr* Sec D1 Div D
- BOWMAN, HARRY L.
NDRC *Conslt* Div C; Sec C2 Div C; Sec B Div A; Div 12; Div 2. *Mbr* Sec C2 Div C; Div 2
- BOWMAN, PHILIP I.
NDRC *Conslt* Sec 8.2 Div 8
- BOWMAN, ROBERT A., JR.
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- BOWN, RALPH
NDRC *Mbr* Div 14; Sec 14.2 Div 14. *Conslt* Div 15
- BOYCE, JOSEPH C.
Mbr OSRD Directors Subcomm Cooperation with Spec Govt Agencies
NDRC *Spec Asst* to Chmn. *Chief* Div 5; Sec 5.5 Div 5. *Mbr* Div 5; Sec 5.1 Div 5; Div 19; Vacuum Tube Development Comm. *Tech Aide* Secs D2, D3, D4 Div D
- BOYD, THOMAS A.
NDRC *Mbr* Sec B9a Div B
- BOYER, LT. COMDR. JAMES G.
OES *Patent Advisor* Patent Div (assigned to Spec Proj)
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Mbr OSRD Directors Subcomm Cooperation with Spec Govt Agencies
NDRC *Actg Chief* Div 3. *Tech Aide* NDRC; Div A; Div 3; Div Admin Group
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NDRC *Dpty Chief, Conslt & Tech Aide* Sec 17.1 Div 17
- BRAILEY, LAURA E.
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NDRC *Mbr* Sec A1 Div B
- BRAY, CHARLES W.
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- BRAY, WILLIAM C.
NDRC *Mbr* Sec L3 Div B. *Conslt* Sec B3b Div B
- BREAZEALE, WILLIAM M.
LO *Tech Aide* (Washington & London)
- BREIT, GREGORY
Mbr *Conslt* Panel S-1 Exec Comm
NDRC *Mbr* S-1 Sec; Theoretical Aspects Subsec S-1 Sec
- BRIDGMAN, PERCY W.
NDRC *Conslt* Secs X, B Div A; Sec B Div B; Divs 1, 2
- BRIES, MATT M.
NDRC *Spec Asst* Engineering & Transition Ofc
- BRIGGS, LYMAN J.
Mbr S-1 Exec Comm
NDRC *Chmn* S-1 Sec. *Mbr* Secs E, A Div A; Divs 1, 4; Applied Math Panel. *Conslt* Applied Math Panel
- BRIGHTMAN, WILLIAM T., JR.
NDRC *Conslt* Div 2
- BRILLOUIN, LEON N.
NDRC *Conslt* Applied Math Panel
- BRINKER, WILLIAM E., JR.
NDRC *Conslt* Sec B6 Div B; Div 10
- BRITTON, EDGAR C.
NDRC *Conslt-in-Genl* Div B. *Conslt* Div 9
- BRITTON, JAMES A.
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- BROBERG, ORRIN R.
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- BROCKWAY, LAWRENCE O.
NDRC *Conslt* Div 10
- BRODE, ROBERT B.
Conslt Sec T
NDRC *Conslt* Sec T Div A
- BRODE, WALLACE R.
LO *Tech Aide*
NDRC *Conslt* Secs 16.2, 16.5 Div 16
- BRONFENBRENNER, JACQUES J.
NDRC *Conslt* Div 9
- BRONK, DETLEV W.
NDRC *Mbr* Sec C6 Div C; Sec 12.1 Div 12; Sec 16.5 Div 16.
Conslt Applied Psychology Panel
CMR *Chief* Div Aviation Medicine
- BROOKS, CHARLES F.
NDRC *Conslt* Sec D1 Div D; Div 14
- BROOKS, FOSTER L.
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- BROTHERS, LEROY A.
NDRC *Conslt* Sec B Div A
- BROUGHTON, GEOFFREY
LO *Conslt. Tech Aide* (London)
- BROWN, ARTHUR A.
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- BROWN, ARTHUR W.
OFS *Contr Employee*
- BROWN, BETTY MAY
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- BROWN, CHARLES F.
OES *Atty & Actg Genl Counsel* Legal Div
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BROWN, GORDON S.
NDRC *Conslt* Divs D, 7

BROWN, LOUIS J.
NDRC *Spec Asst* Engineering & Transition Ofc

BROWN, MARY G.
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BROWN, MILES W.
OFS *Contr Employee*

BROWN, ROBERT C., JR.
OES *Patent Advisor* Patent Div (assigned to NDRC Div 17)

BROWN, WELDON G.
NDRC *Mbr* Secs A3, B3b, B9b Div B; *Conslt* Sec L1 Div B;
Divs 9, 10

BROWNSON, HELEN L.
CMR *Tech Aide*

BRUBAKER, MERLIN M.
NDRC *Mbr* Sec B3c Div B; Div 9. *Conslt* Sec B3a Div B

BRUNAUER, STEPHEN
NDRC *Conslt* Secs L11, B6 Div B

BRUNETTI, CLEDO
NDRC *Conslt* Divs A, 4

BUCKLEY, OLIVER E.
NDRC *Chief* Sec 5.3 Div 5. *Mbr* Sec C1 Div C; Div 5

BUELL, CARLETON E.
NDRC *Conslt* Propagation Comm

BUGBEE, PERCY
NDRC *Conslt* Sec 11.3 Div 11

BULL, MAJ. B. A.
OES *Patent Advisor* Patent Div (assigned to NDRC Divs 8,
9, 10, 11, 19)

BULL, HEMPSTEAD S.
NDRC *Tech Aide* Sec 16.4 Div 16

BUNDY, HARVEY H.
OSRD *Mbr* Advisory Council

BUNKER, JOHN W. M.
OFS *Spec Conslt*

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OFS *Conslt, Asst Chief, Dpty Chief*
NDRC *Chmn* Sec B Div A. *Chief* Div 2; Sec 2.1 Div 2
Chmn Publications Comm

BURDEN, WM. D.
OFS *Contr Employee*

BURG, ANTON B.
NDRC *Mbr* Sec L11 Div B

BURINGTON, RICHARD S.
NDRC *Conslt* Applied Math Panel

BURKE, EDWARD F.
OFS *Contr Employee*

BURKS, DANA, JR.
NDRC *Conslt* Div 9

BURLEW, JOHN S.
Spec Asst to OSRD Director. *Tech Aide* Directors Ofc
NDRC *Spec Asst* to Chmn. *Secy* Div 1. *Conslt* Div A; Sec B
Div A; Div 2. *Tech Aide* Div 1; Summary Tech
Rpts Group

BURNS, ROBERT
NDRC *Conslt* Sec H Div A; Div 3

BURNS, ROBERT M.
NDRC *Conslt* Sec 11.2 Div 11

BURROWS, CHARLES R.
NDRC *Conslt* Divs 13, 14. *Chmn* Propagation Comm. *Mbr*
Sec 13.2 Div 13

BURSON, RICHARD D.
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NDRC *Chmn*

BUSWELL, ARTHUR M.
NDRC *Mbr* Secs L3, B3b Div B; Div 9

BUTLER, THOMAS C.
CMR *Tech Aide* Div Malaria

BUTT, CHARLES
NDRC *Conslt* Sec D1 Div D

BUTTNER, HAROLD H.
NDRC *Conslt* Sec D1 Div D

BYFIELD, ABBOTT
OFS *Contr Employee*
NDRC *Tech Aide* Secs B7, B8, B10 Div B; Div 11

CADY, GEORGE H.
NDRC *Conslt* Div 9

CAIRNS, ROBERT W.
NDRC *Conslt* Sec B1 Div B; Sec H Div A; Div 3. *Mbr* Div 8

CALCOTT, WILLIAM S.
NDRC *Chmn* Sec B3d Div B. *Conslt* Sec B3a Div B. *Mbr*
Div 9

CALDON, BARBARA E.
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CALDWELL, SAMUEL H.
NDRC *Chief* Sec 7.2 Div 7. *Mbr* Sec D2 Div D; Div 7. *Tech*
Aide Div 7

CALLAHAN, JOHN L.
NDRC *Conslt* Sec C1 Div C; Div 13. *Mbr* Sec 13.3 Div 13

CALVERY, HERBERT O. (deceased)
Conslt S-1 Exec Comm

CALVIN, MELVIN
NDRC *Conslt* Sec B7b Div B

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NDRC *Conslt* Div 4

CAMPBELL, JEAN W.
NDRC *Tech Aide* Applied Psychology Panel

CAMPBELL, MARCIA D.
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CANNON, PAUL R.
NDRC *Conslt* Sec B4a Div B; Div 9

CANNON, WALTER B.
CMR *Conslt* Sec 3 Div Physiology

CANTOR, BERNARD H.
OES *Atty* Legal Div

CARDEN, GEORGE A., JR.
CMR *Chief* Div Malaria

CARLL, MARY L.
LO *Tech Aide*

CARLSON, A. J.
Mbr Sensory Devices Comm

CARLSON, ROY W.
NDRC *Conslt* Sec B Div A; Div 2. *Mbr* Sec B Div A

CARMACK, MARVIN
NDRC *Mbr* Sec 8.2 Div 8

CARMICHAEL, LEONARD
Mbr Scientific Persnl Comm
NDRC Mbr Applied Psychology Panel

CARPENTER, THORNE M.
NDRC *Conslt* Sec L12 Div B. Mbr Secs B7c, B8e Div B

CARROLL, THOMAS J.
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CARSWELL, THOMAS S.
NDRC *Conslt* Sec B7d Div B

CARTWRIGHT, C. HAWLEY
NDRC Mbr Sec D4 Div D

CARVER, EMMETT K.
NDRC *Conslt* Sec B3c Div B; Div 9. Mbr Sec B8d Div B;
Sec 11.3 Div 11

CASHMAN, ROBERT J.
NDRC *Conslt* Sec B6 Div B

CASON, JAMES, JR.
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mary Tech Rpts Program. Chief Divs 11, 19. Staff
Aide Divs 9, 10, 11. Mbr Explosives Research Lab
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NDRC *Conslt* Sec 8.2 Div 8

CHANEY, NEWCOMB K.
NDRC *Conslt* Sec B5 Div B

CHARCH, WILLIAM H.
NDRC Mbr Sec B3c Div B. *Conslt* Div 9

CHARUHAS, JOHN J.
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CHILDS, HENRY R.
NDRC *Conslt* Div 9

CHILTON, THOMAS H.
NDRC *Conslt* Secs L11, B6, B7 Div B. Mbr S-1 Sec; Heavy
Water Subsec S-1 Sec; Sec 11.1 Div 11

CHINN, HOWARD A.
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CHUBB, LEWIS W.
Conslt to Director. Mbr S-1 Planning Bd

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NDRC *Chief* Sec 13.7 Div 13. *Conslt* Sec C1 Div C; Divs 13,
15. Mbr Sec C1 Div C

CLARK, DONALD S.
NDRC *Conslt* Secs X, B, H Div A; Div 2

CLARK, GEORGE L.
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CLARK, HALFORD R.
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NDRC *Tech Aide* Div 16

CLARK, WILLIAM M.
NDRC *Conslt* Divs B, 9. Mbr Secs B4a, B4c Div B
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NDRC Mbr. Chmn Div E

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COFFIN, BRUCE A.
NDRC *Conslt* Sec T Div A

COFFIN, LLOYD H.
NDRC *Conslt* Sec T Div A

COCHILL, ROBERT D.
CMR *Conslt*

COHAN, EDWIN K.
NDRC *Conslt* Sec D1 Div D

COHEN, BARNETT
NDRC *Conslt* Div 9

COLBURN, ALLAN P.
NDRC Mbr Sec L11 Div B. *Conslt* Div 10

COLBY, WALTER F.
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COLE, ADDISON D.
NDRC *Conslt* Div 14

COLE, ROBERT H.
NDRC Mbr Sec 8.1 Div 8. *Conslt* Div 2

COLEMAN, ALBERT F.
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COLEMAN, GEORGE H.
NDRC *Conslt* Div 9

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NDRC *Tech Aide* Divs D, 16

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NDRC *Conslt* Sec D1 Div D. *All Mbr* Vacuum Tube Development Comm

COLLINS, SAMUEL C.
NDRC *Tech Aide* Secs B7, B8, B9 Div B; Div 11. *Conslt* Sec 11.1 Div 11

COLPITTS, EDWIN H.
NDRC *Chief* Sec 6.1 Div 6. *Conslt* Div C. *Mbr* Sec C4 Div C; Div 6

COLVIN, BURTON H.
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NDRC *Conslt* Sec L1 Div B; Div 10

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NDRC *Conslt* Div D; Sec Bld Div B. *Mbr* S-1 Sec; Sec H Div A

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COOK, JACKSON H.
NDRC *Conslt* Sec D1 Div D

COOKE, HARTIE (deceased)
NDRC *Mbr* Sec C3 Div C

COOKSEY, DONALD
NDRC *Conslt* Div D

COOLIDGE, COLE
NDRC *Conslt* Div B; Div 9

COOLIDGE, WILLIAM D.
NDRC *Mbr* Sec C4 Div C; Sec H Div A; Div 6; Sec 6.1 Div 6; Div 4

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OFS *Contr Employee*

COOPER, FRANKLIN S.
LO *Liaison Officer*

COPE, ARTHUR C.
NDRC *Mbr* Div 9. *Tech Aide* Sec B4 Div B; Divs B, 9

COPELL, DON F.
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NDRC *Conslt* Sec A4 Div B; Div 9. *Mbr* Sec B4c Div B

CORK, J. M.
NDRC *Mbr* Sec 17.1 Div 17

CORNER, GEORGE W., SR.
Chmn Sensory Devices Comm

CORSON, DALE R.
NDRC *Conslt* Sec D1 Div D

CORWIN, ALSOPH H.
NDRC *Conslt* Div 9

COSTA, JOSEPH L.
NDRC *Conslt* Div 9

COURANT, RICHARD
NDRC *Mbr & Conslt* Applied Math Panel. *Conslt* Sec 8.1 Div 8

COVINGTON, CECIL L.
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OES *Records* *Conslt* Central Records Sec

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Mbr Rodent Control Subcomm Insect Control Comm

CRAIG, LYMAN C.
NDRC *Conslt* Div 9

CRANE, ARTHUR E.
OFS *Contr Employee*

CRANE, HORACE R.
Conslt Sec T
NDRC *Conslt* Div A

CRAWFORD, BRYCE L., JR.
NDRC *Conslt* Div 3

CREW, WILLIAM H.
NDRC *Admin Asst* Ofc NDRC *Mbr* Frank B. Jewett. *Tech Aide* Div C

CRONEIS, CAREY
NDRC *Conslt* Div 10

CROOKE, RAYMOND E.
NDRC *Mbr* Sec 7.6 Div 7

CROSS, PAUL C.
NDRC *Conslt* Sec B7d Div B; Div 2

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 Tech Rpts Sec
 CUNNINGHAM, ROBERT N.
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 CURME, GEORGE
 Mbr S-1 Planning Bd
 NDRC *Chmn & Mbr* Sec B8b Div B. *Conslt* Divs B, 9
 CURTIS, CASSIUS W.
 NDRC *Mbr & Conslt* Div 2
 CURTIS, HARVEY L.
 NDRC *Conslt* Sec A Div A; Div 1
 CURTISS, JOHN H.
 NDRC *Conslt* Applied Math Panel
 CUTLER, EDWARD
 NDRC *Tech Aide* Div 14
 CUTTING, ROGER
 NDRC *Tech Aide* Div 5

 DAHL, NORMAN C.
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 NDRC *Tech Aide* Div 13
 DAMEREL, CHARLOTTE I.
 LO *Tech Aide*
 DANFORTH, JOHN L.
 NDRC *Tech Aide* Sec D1 Div D; Div 14; Div Admin Group
 DANIELS, FARRINGTON
 NDRC *Conslt* Sec B3b Div B; Sec H Div A; Div 3; Div 9.
 Mbr Sec L3 Div B
 DARLINGTON, SIDNEY
 OFS *Contr Employee*
 DAVENPORT, LEE L.
 NDRC *Conslt* Sec D1 Div D
 DAVIDSON, HUGH R.
 OFS *Contr Employee*
 DAVIDSON, KENNETH S. M.
 NDRC *Mbr* Sec C7 Div C; Div 12
 DAVIDSON, WARD F.
 Mbr & Chmn Contr Settlement Review Bd. *Mbr* Agency
 Selective Service Comm
 NDRC *Dpty Exec Officer. Conslt* to Chmn
 DAVIS, CARLTON C.
 OES *Atty* Patent Div
 DAVIS, CLYDE O.
 NDRC *Conslt* Div 8
 DAVIS, G. H. B.
 NDRC *Chmn* Secs L13, B7a, B8c Div B. *Mbr* Sec 11.2 Div
 11
 DAVIS, HALLOWELL
 NDRC *Mbr* Secs C9 Div C; Sec 17.3 Div 17

 DAVIS, HARVEY N.
 NDRC *Conslt* Sec B9a Div B
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 NDRC *Chmn* Secs A1, B2 Div B. *Vice Chmn* Explosives
 Res Lab Comm (Bur Mincs Comm). *Mbr* Sec L4
 Div B
 DAWSON, MARY B.
 OES *Admin Asst* Priorities & Property Control Sec
 DAY, ALICE L.
 OES *Atty* Legal Div
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 Conslt Sec T
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 NDRC *Tech Aide* Div 9
 DECKINGFR, E. LAWRENCE
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 Mbr Sec C1 Div C; Div 13; Sec 13.1 Div 13; Applied
 Math Panel; Propagation Comm
 DELO, DAVID M.
 OFS *Tech Aide*
 DELSASSO, LEWIS A.
 NDRC *Conslt* Secs B, S Div A
 DEMOU, SANDY X.
 Admin Asst Scientific Persnl Ofc
 DEMPSTER, ARTHUR J.
 Mbr *Conslt* Panel S-1 Exec Comm
 NDRC *Vice Chmn* Sec H Div A. *Conslt* S-1 Sec Div A. *Mbr*
 Sec H Div A; Div A Sec II
 DEN HARTOG, J. P.
 NDRC *Mbr* Sec C3 Div C
 DENNISON, DAVID M.
 Conslt Sec T
 NDRC *Conslt* Div A
 DENSON, COL. LEE A., JR.
 NDRC *Mbr*
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 NDRC *Tech Aide* Sec B7 Div B; Div 11
 DIAMOND, HANNAH M.
 NDRC *Physicist* Div A. *Tech Aide* Div A; Ofc NDRC Mbr
 R. C. Tolman; Tech Rpts Sec
 DIAMOND, HARRY
 NDRC *Conslt* Sec E Div A. *Mbr* Div 4; Vacuum Tube De-
 velopment Comm
 DIBBLE, LT. L. D. (USNR)
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NDRC *Conslt Sec* L11 Div B

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NDRC *Tech Aide* Div 11

DIKE, S. H.
NDRC *Conslt Sec* T Div A

DILLEY, NEIL E.
NDRC *Conslt Sec* T Div A

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DONOHUE, ULRICA
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DOOLITTLE, HOWARD D.
NDRC *Conslt Sec* D1 Div D

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DOWNES, ARTHUR C.
NDRC *Conslt Sec* 16.5 Div 16

DRAKE, NATHAN L.
NDRC *Conslt Div* 9

DRAPER, C. S.
NDRC *Conslt Div* D. *Mbr Sec* 7.6 Div 7

DREW, THOMAS B.
NDRC *Mbr Sec* L11 Div B. *Conslt Sec* B6 Div B; Div 10

DRINKER, CECIL K.
NDRC *Chmn Sec* B8e Div B. *Mbr Secs* L12, B7c Div B; *Sec* 11.2 Div 11. *Conslt Sec* 11.2 Div 11

DRYDEN, HUGH L.
NDRC *Chief Sec* 5.1 Div 5. *Vice Chmn Sec* E Div A. *Mbr* Divs 4 & 5; *Sec* 5.4 Div 5. *Conslt Div* A

DU BOIS, EUGENE F.
NDRC *Chmn Secs* L12, B7c Div B. *Mbr Sec* B8e Div B
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DUBRIDGE, LEE A.
NDRC *Mbr Secs* D1, D-M Div D; Divs F, 14, 15; *Sec* 11.1 Div 14. *Conslt Sec* D1 Div D

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DU MOND, JESSE WM. M.
NDRC *Conslt Secs* E, H Div A

DUNHAM, JOHN W.
NDRC *Conslt Sec* B7 Div A; Div 2

DUNHAM, LT. ROBERT S. (USNR)
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DUNHAM, THEODORE, JR.
NDRC *Chief Sec* 16.1 Div 16. *Mbr Sec* D3 Div D; Divs 16, 17; *Sec* 7.4 Div 7

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NDRC *Tech Aide Sec* C8 Div C; *Sec* 16.3 Div 16

DURAND, W. F.
NDRC *Chief Sec* 12.1 Div 12. *Vice Chmn Sec* C7 Div C. *Mbr* Div 12

DUSHMAN, SAUL.
NDRC *Conslt Sec* E Div A; Div 4. *Mbr Sec* 16.4 Div 16

DUTCHER, F. H.
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OES *Chief Contr Sec*

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NDRC *Chief Secs* 14.1, 14.2 Div 14. *Chmn Sec* D-M Div D. *Conslt Sec* D1 Div D. *Mbr Sec* D1 Div D; Div 14

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ECKART, CARL H.
NDRC *Conslt Theoretical Aspects* Subsec S-1 Sec

ECKHARDT, E. A.
NDRC *Chief Sec* 17.1 Div 17. *Dpty Chief* Div 17. *Mbr Sec* D3 Div D; *Sec* 5.2 Div 5; Divs 16, 17

EDGERTON, HAROLD E.
NDRC *Mbr Sec* C3 Div C. *Conslt Sec* D1 Div D; Div 14

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NDRC *Conslt Div* 8

EKSERGIAN, RUPEN
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ELDER, J. D.
NDRC *Conslt* Ofc NDRC Mbr R. C. Tolman; Div A

ELDERFIELD, R. C.
NDRC *Chmn* Sec Ble Div B. *Mbr* Secs A1, B1a, B1d, B2a Div B; Sec 8.2 Div 8

ELGIN, JOSEPH C.
NDRC *Chmn* Sec L5 Div B. *Mbr* Secs L5, L10, B6 Div B. *Conslt* Div 10

ELLETT, ALEXANDER
NDRC *Chief* Div 4. *Chmn* Sec E Div A. *Mbr* Div 3. *Conslt* Div A

ELLEY, HAROLD W.
NDRC *Conslt* Divs B, 10, 9

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NDRC *Mbr* Div 14

ELVERACK, LILLIAN
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EMBREY, LEE ANNA
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ENDRES, ADELE
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ENGLER, HOWARD G.
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EPSTEIN, BERNARD
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ERF, HERBERT A.
NDRC *Tech Aide* Sec C9 Div C; Sec 17.3 Div 17

ESSELEN, GUSTAVUS J.
NDRC *Conslt* to *Chmn*. *Chmn* Tropical Deterioration Admin Comm

EUSTIS, WARNER
NDRC *Conslt* Div 9

EVANS, EARL A., JR.
NDRC *Conslt* Secs A4, B4a Div B

EVANS, GRIFFITH C.
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EVANS, WALTER C.
NDRC *Conslt* Div D

EVERITT, W. L.
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EWEN, LIONEL B.
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NDRC *Mbr* Sec C3 Div C. *Conslt* Sec C4 Div C; Div 6

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FEHR, CHARLES M.
Conslt S-1 Excc Comm

FENN, WALLACE O.
Mbr Sensory Devices Comm

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NDRC *Mbr* Secs L13, B7a, B8c Div B. *Conslt* Sec 11.1 Div 11

FERMI, ENRICO
NDRC *Chmn* Theoretical Aspects Subsec S-1 Sec. *Mbr* Power Production Subsec S-1 Sec

FERNBERGER, SAMUEL W.
NDRC *Conslt* Div 7. *Mbr* Sec C6 Div C; Sec 7.4 Div 7. *Tech Aide* Sec D2 Div D; Sec 7.4 Div 7

FERNELIUS, W. CONRAD
NDRC *Mbr* Secs A3, B3b Div B. *Conslt* Div 9

FERREBEE, JOSEPH W.
LO *Tech Aide* (London)
CMR *Tech Aide*

FICK, CLIFFORD G.
NDRC *Conslt* Sec C1 Div C. *Mbr* Sec 13.6 Div 13; Div 13

FICKEN, FREDERICK A.
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FIELDNER, ARNO C.
NDRC *Conslt* Div B; Div 8

FIESER, L. F.
NDRC *Mbr* Secs A1, A2, B3a, B7d, B1d Div B; Sec 11.3 Div 11; Div 9. *Conslt* Divs 9, 19

FIFE, WALTER M. W.
NDRC *Conslt* Div A

FINDLEY, FRANCES G.
LO Tech Aide

FINE, PAUL C.
NDRC Tech Aide Ofc NDRC Mbr R. C. Tolman; Div A

FINE, REUBEN
OFS Contr Employee

FINGER, GLENN C.
NDRC Mbr Sec B3d Div B. *Conslt* Div 9

FINK, DONALD G.
NDRC Mbr Sec 14.2 Div 14

FIRESTONE, FLOYD A.
NDRC *Conslt* Sec B1d Div B. Mbr Sec 17.3 Div 17

FISHBEIN, MORRIS
CMR *Conslt*

FITZWILLIAM, JAMES W.
NDRC Tech Aide Div 5

FLEMING, JOHN A.
Conslt Sec T

FLETCHER, HARVEY
OFS *Conslt*
NDRC Chief Sec 17.3 Div 17. Chmn Sec C5 Div C. Mbr Sec C9 Div C; Divs 16, 17

FLEXNER, LOUIS B.
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OES Atty Legal Div

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NDRC *Conslt* Sec B3a Div B. Mbr Div 9

FOLSE, JULIUS A.
NDRC Tech Aide Sec H Div 3

FONDILLER, WILLIAM
NDRC *Conslt* Div A; Sec E Div A

FOOTE, PAUL D.
Spec *Conslt* to OSRD Director
NDRC Spec *Conslt* to Chmn. Mbr Secs C4, C4a Div C; Div 6; Sec 6.1 Div 6

FORBES, THEODORE W.
NDRC *Conslt* Sec 17.3 Div 17

FORBES, THOMAS R.
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NDRC *Conslt* Sec 11.3 Div 11. Mbr Sec B10 Div B; Sec 11.3 Div 11

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GAINES, JOHN M.
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HAZEN, HAROLD L.
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HERRMANN, ALBERT M.
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KENNEDY, WILLIAM D.
NDRC Conslt Div 2

KENNEY, ARTHUR W.

NDRC *Tech Aide* Sec C8 Div C; Sec 16.3 Div 16

KEPPEL, DAVID

NDRC *Tech Aide* Sec C4 Div C

KERR, DONALD E.

NDRC *Mbr* Propagation Comm

KEYES, FREDERICK G.

NDRC *Conslt* Div B; Sec 11.1 Div 11. *Mbr* Sec B7b Div B

KHARASCH, MORRIS S.

NDRC *Mbr* Secs A1, B3a, B9c Div B. *Conslt* Div 9

KIDDER, ALLAN H.

NDRC *Spec Asst* Engineering & Transition Ofc

KIMBALL, GEORGE E.

OFS *Contr Employee*

NDRC *Conslt* Sec B1 Div B

KINCAID, JOHN F.

NDRC *Conslt* Sec A Div A. *Mbr* Sec 8.1 Div 8

KING, ALBERT D.

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KING, ROBERT W.

Mbr OSRD Directors Subcomm Cooperation with Spec Govt Agencies

NDRC *Exec Asst & Conslt* to Chmn. *Asst* to NDRC *Mbr* Frank B. Jewett. *Mbr* Sec H; Div 19. *Conslt* Div 3. *Tech Aide* Div C

KING, RONALD W. P.

NDRC *Conslt* Sec D1 Div D

KINGDON, KENNETH H.

NDRC *Conslt* Div A; Sec T Div A

KINGSLEY, PAUL L.

NDRC *Tech Aide* Engineering & Transition Ofc

KIP, ARTHUR F.

OFS *Contr Employee*

KIRKPATRICK, EDWARD C.

NDRC *Conslt* Sec 11.3 Div 11

KIRKWOOD, JOHN G.

NDRC *Conslt* Secs A1, B1b, Div B; Sec B Div A; Divs 2, 8; Applied Math Panel

KIRNER, WALTER R.

Chmn Council Scientific Persnl. *Mbr* Insect Control Comm

NDRC *Chief* Div 9. *Conslt & Tech Aide* Div B

KIRWAN, PHILIP T.

NDRC *Tech Aide* Sec H Div A; Sec H; Sec H Div 3; Div 3; Div Admin Group

KISSAM, PHILIP

OFS *Contr Employee*

KISTIAKOWSKY, G. B.

NDRC *Chief* Div 8. *Actg Chief* Sec 8.1 Div 8. *Actg Chmn* Secs A1, C2 Div B. *Mbr, Chmn & Vice Chmn* Explosives Research Lab Comm (Bur Mines Comm). *Vice Chmn* Sec A1 Div B. *Chmn* Sec B1 Div B. *Mbr* Secs A1, C2, B9c Div B; Divs 3, 8, 19; Sec H Div A. *Conslt* Secs B2, B2a Div B

KITTEL, CHARLES

OFS *Contr Employee*

KLAPPERICH, ALFRED J.

LO *Tech Aide*

KLEIN, MARTIN J.

OFS *Contr Employee*

KLEIN, MELVIN P.

OFS *Contr Employee*

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OFS *Spec Conslt & Asst Chief*

NDRC *Chief* Div 17. *Dpty Chief* Divs 16, 17. *Vice Chmn* Sec D3 Div D. *Mbr* Sec D3 Div D; Div 16; Engineering Panel

KNEEN, ORVILLE H.

NDRC *Tech Aide* Div 1

KNOBEL, MAX

NDRC *Conslt* Div 1

KNUDSEN, VERN O.

NDRC *Mbr* Sec C5 Div C; Sec 17.3 Div 17; Div 6. *Conslt* Div C

KNUDSON, LEWIS

NDRC *Conslt* Sec 16.3 Div 16

KOCH, ISABEL L.

CMR *Tech Aide* CMR; Sec 1 Div Chemistry

KOLTHOFF, IZAAK M.

NDRC *Mbr* Sec A3 Div B. *Conslt* Sec B3b Div B

KOOPMAN, BERNARD O.

OFS *Contr Employee*

NDRC *Conslt* Applied Math Panel

KOSSACK, CARL F.

OFS *Contr Employee*

KOSSIAKOFF, ALEXANDER

NDRC *Tech Aide* Sec H Div A; Sec H Div 3. *Conslt* Sec H Div A

KRACEK, FRANK C.

NDRC *Conslt* Sec A Div A

KRAUS, CHARLES A.

NDRC *Mbr* Sec B7d Div B. *Conslt* Div 10

KRUEGEL, SHEA L.

NDRC *Tech Aide* Div 18; Tech Rpts Sec

KUBIE, LAWRENCE S.

OFS *Contr Employee*

KUHN, WAYNE E.

NDRC *Mbr* Sec B10 Div B; Sec 11.3 Div 11. *Conslt* Sec 11.3 Div 11

KUNZ, R. J. F.

NDRC *Conslt* Div 10

LACEY, JOHN S.

OES *Patent Advisor* Patent Div (assigned to Sec T)

LACEY, WILLIAM N.

NDRC *Conslt* Secs X, H Div A. *Mbr* Div 3

LAHEY, RICHARD W.

NDRC *Conslt* Tropical Deterioration Admin Comm

LAISING, BORIS

NDRC *Conslt* Sec 11.3 Div 11

LAKATOS, EMORY

NDRC *Conslt* Divs A, 3

LAMAR, EDWARD S.

OFS *Contr Employee*

LAMB, ARTHUR B.

NDRC *Mbr* Secs C3, B9b Div B; Sec 19.1 Div 19. *Conslt* Divs 10, 11

- LAMER, VICTOR
NDRC Mbr Secs L3, L1, B5 Div B; Div 10. *Conslt* Div 10
- LAMPSON, CURTIS W.
NDRC *Conslt* Sec B Div A; Div 2. Mbr Div 2
- LAND, EDWIN H.
NDRC *Conslt* Divs 2, 5
- LANDIS, CARNEY
NDRC *Conslt* Sec C5 Div C; Sec 17.3 Div 17
- LANDIS, EUGENE M.
CMR. *Conslt*
- LANDSTEINER, KARL (deceased)
NDRC Mbr Sec B4b Div B. *Conslt* Div 9
- LANE, LT. CMDR. D. E. (USNR)
OES *Patent Advisor* Patent Div (assigned to Secs H, L
NDRC Div 3; Secs 17.1, 17.2 NDRC Div 17)
- LANE, JAMES A.
OFS *Conslt*
- LANGMUIR, DAVID B.
Spec Asst to OSRD Director
LO *Tech Aide* (Washington & London)
- LANGMUIR, IRVING
Mbr *Conslt* Panel S-1 Exec Comm
NDRC Mbr Secs L1, B5 Div B. *Conslt* S-1 Sec; Div 10
- LANGMUIR, PETER B.
NDRC *Admin Officer & Industrial Specialist* Engineering
& Transition Ofc
- LANIER, ROBERT S.
OES *Admin Officer* Priorities & Property Control Sec
- LANSING, HORACE L.
NDRC *Conslt* Engineering & Transition Ofc
- LAQUE, FRANCIS L.
NDRC *Conslt* Sec 11.2 Div 11
- LARGENT, E. J.
Conslt S-1 Exec Comm
- LARKEY, SANFORD V.
CMR. *Tech Aide*
- LARSEN, LEON V.
NDRC Mbr Synthetic Resins, Plastics & Plasticizers Sub-
comm Tropical Deterioration Admin Comm
- LARSEN, P. J.
NDRC *Conslt* Sec T Div A
- LARSON, ERNEST T., JR.
NDRC *Tech Aide* Sec 16.3 Div 16
- LARSON, ROBERT W.
NDRC *Tech Aide & Conslt* Div 15
- LASHLEY, KARL S.
Mbr Sensory Devices Comm
- LASKY, DOROTHY M.
NDRC *Tech Aide* Sec 6.1 Div 6
- LATHROP, JOHN B.
OFS *Contr Employee*
- LATIMER, WENDELL M.
OFS *Contr Employee*
NDRC *Vice Chmn* Secs L11, B6 Div B. Mbr Sec L3 Div B;
Div 10
- LAURITSEN, C. C.
NDRC *Vice Chmn* Div A. *Actg Chief & Mbr* Div 3
- LAURITSEN, THOMAS
NDRC *Conslt* Secs E, H Div A
- LAVENDER, CAPT. ROBERT A. (USN RET.)
OES *Advisor on Patent Matters* Patent Div
- LAWRANCE, RICHARD B.
NDRC *Conslt* Sec D1 Div D
- LAWRENCE, ERNEST O.
Mbr S-1 Exec Comm
NDRC Mbr Sec D1 Div D; Sec C4 Div C; S-1 Sec; Div 14
- LAWSON, JAMES L.
NDRC *Conslt* Sec D1 Div D
- LAWSON, W. E.
NDRC *Conslt* Secs A, B9a Div B; Divs B, 2; Sec B Div A.
Mbr Divs 2, 8
- LAWTON, ELLIOTT J.
NDRC *Conslt* Sec T Div A
- LAZIER, WILBUR A.
NDRC *Conslt* Sec B3a Div B; Div 9
- LEAHY, LT. ROBERT J. (USNR)
OES *Patent Advisor* Patent Div (assigned to Spec Proj)
- LEARY, NORMA LUCILLE
OES *Admin Asst* Priorities & Property Control Sec
- LECLERC, ROGER V.
OFS *Contr Employee*
- LEDER, AARON
OFS *Contr Employee*
- LEE, JOSEPH
NDRC *Admin Asst* Sec 6.1 Div 6
- LEE, LUCY C.
CMR. *Tech Aide* CMR; Sec 1 Div Chemistry
- LEET, L. DON
NDRC *Conslt* Engineering & Transition Ofc
- LEGALLEY, DONALD P.
OFS *Contr Employee*
- LEIGHTON, P. A.
NDRC Mbr Secs L3, B6 Div B. *Conslt* Sec B3b Div B; Div
10
- LEMKE, JUNE T.
NDRC *Admin Asst* Div 19
- LEMMON, ALEXIS W., JR.
OFS *Contr Employee*
- LENFEST, H. C.
NDRC *Conslt* Sec C2 Div C; Div 12
- LENT, WORTHINGTON G.
NDRC *Conslt* Sec C1 Div C; Sec 13.1 Div 13
- LESSELLS, J. M.
NDRC Mbr Sec C3 Div C. *Conslt* Div 12
- LETCHFIELD, FRANCIS T.
NDRC *Spec Asst* to Chmn. *Tech Aide & Conslt* Engineer-
ing & Transition Ofc
- LEUTRITZ, JOHN, JR.
NDRC *Conslt* Tropical Deterioration Admin Comm
- LEVINE, ROBERT S.
OFS *Contr Employee*
- LEWIS, FRANK D.
LO *Tech Aide*
NDRC *Tech Aide* Sec D1 Div D. *Conslt* Div 15
- LEWIS, GILBERT N.
NDRC *Conslt* Divs B, 10
- LEWIS, J. K.
CMR. *Spec Conslt* CMR; Div Aviation Medicine

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Mbr S-1 Planning Bd
NDRC Chmn Secs L3, B8, B8d, B8f Div B. *Vice Chmn* Div B. *Mbr* Div 11; Sec 11.2 Div 11

LEY, LT. DOUGLAS
OES *Patent Advisor* Patent Div Ofc Excc Secy (assigned to NDRC Div 15)

LINCOLN, FRANCIS B.
NDRC *Admin Asst* Sec 17.1 Div 17

LIND, S. C.
NDRC *Conslt* Sec B7b Div B; Sec 11.1 Div 11

LINDVALL, FREDERICK C.
NDRC *Conslt* Sec H Div A

LINE, LLOYD E., JR.
NDRC *Tech Aide* Div 1

LINGANE, J. J.
NDRC *Conslt* Sec 8.2 Div 8

LIPPOTH, JOHN J.
NDRC *Mbr* Optical Instruments Subcomm Tropical Deterioration Admin Comm

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NDRC *Chief* Sec 13.6 Div 13. *Mbr* Sec C1 Div C; Div 13. *Conslt* Sec C1 Div C

LITTLE, JOHN L.
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LITTON, CHARLES V.
NDRC *Conslt* Sec D1 Div D

LIVINGSTON, MILTON S.
OFS *Contr Employee*

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LOBO, WALTER E.
NDRC *Conslt* Sec 11.1 Div 11

LOCKRIDGE, LT. COL. ROBERT W.
Spec Asst to OSRD Director

LOCKWOOD, JOHN S.
CMR *Chief* Div Surgery

LOEB, R. F.
CMR *Spec Conslt*

LOEFFLER, ORVILLE H.
NDRC *Conslt* Sec A Div A

LONG, C. N. H.
CMR *Spec Conslt. Dpty Chief* Div Physiology

LONG, FRANKLIN A.
NDRC *Mbr* Secs B1a, B1c Div B. *Conslt* Sec A1 Div B

LONG, PERRIN H.
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LOOFBOUROW, JOHN R.
NDRC *Tech Aide* Sec D1 Div D; Div 14. *Exec Secy* Div 14

LOOMIS, A. L.
NDRC *Chief* Div 14. *Chmn* Sec D1 Div D. *Vice Chmn* Div D. *Mbr* Div 5

LOOMIS, FRANCIS W.
NDRC *Conslt* Sec D1 Div D

LOOP, ROBERT E.
NDRC *Tech Aide* Sec 11.3 Div 11

LOOTENS, C. L.
NDRC *Mbr* Engineering Panel

LORD, RICHARD C.
NDRC *Dpty Chief* Div 16. *Tech Aide* Divs 16, 17

LOTHROP, WARREN C.
NDRC *Actg Chief & Mbr* Sec 19.1 Div 19. *Tech Aide* Divs B, 19

LOUGHRIDGE, DONALD H.
NDRC *Conslt* Secs E, T Div A

LOVELL, STANLEY P.
Spec Conslt to OSRD Director
NDRC *Tech Aide* Sec B9 Div B

LOWRY, H. H.
NDRC *Conslt* Sec B6 Div B; Div 10

LUBS, HERBERT A.
NDRC *Conslt* Sec B3a Div B; Div 9

LUCAS, A. F. G.
NDRC *Spec Asst* Chmn's Ofc

LUNTEY, EUGENE H.
OFS *Contr Employee*

LUTZ, ROBERT E.
NDRC *Conslt* Sec B3a Div B

LYMAN, ERNEST M.
NDRC *Conslt* Sec D1 Div D. *Mbr* Sec 5.5 Div 5

LYNCH, SHERMAN W.
OFS *Contr Employee*

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MACDOUGALL, D. P.
NDRC *Chmn* Sec B1a Div B. *Conslt* Sec A1 Div B. *Mbr* Divs 2, 8

MACINNES, DUNCAN A.
NDRC *Mbr* Secs B8a, L4 Div B

MACLEOD, COLIN M.
CMR *Dpty Chief* Div Medicine. *Chief* Sec 1 Div Medicine

MACNAIR, W. A.
NDRC *Mbr* Sec 7.2 Div 7

MACNEILL, H. M.
LO *Tech Aide* (London)

MACQUIGG, C. E.
NDRC *Chmn* Sec M. *Mbr* Secs L9, B8c Div B; Div 1

MACHLE, WILLARD
CMR *Conslt*

MACK, EDWARD, JR.
NDRC *Mbr* Sec B9a Div B

MACKEY, GEORGE W.
OFS *Contr Employee*

MCADAMS, WILLIAM H.
NDRC *Chmn* Sec L10 Div B. *Conslt* Sec 11.1 Div 11; Div 11. *Mbr* Sec B7b Div B

MCALLISTER, EDWARD D.
NDRC *Conslt* Sec T Div A

MCBEE, EDWARD T.
NDRC *Mbr* Sec B3d Div B. *Conslt* Div 9

MCBRIDE, R. S.
NDRC *Conslt* Sec A Div A; Div 1

MCCABE, W. L.
NDRC *Vice Chmn* Secs L11, B6 Div B. *Conslt & Mbr* Div 10

McCLean, Joseph F.

NDRC *Alt Mbr* Vacuum Tube Development Comm. *Tech Aide* Sec C1 Div C; Divs 13, 15

McClintock, Miller

NDRC *Mbr* Sec C6 Div C

McClure, Frank T.

NDRC *Conslt* Sec H Div A; Div 3

McClure, Harry B.

NDRC *Conslt* Sec 8.2 Div 8

McCormack, James E.

CMR *Tech Aide* Sec 1 Div Medicine

McCurdy, W. H.

NDRC *Mbr* Sec D-M Div D

McCusky, Sidney

NDRC *Tech Aide* Sec 16.1 Div 16

McDermott, Eugene

NDRC *Spec Asst* to Chmn Div A. *Conslt* Sec X Div A

McElroy, Paul K.

NDRC *Mbr* Tropical Deterioration Admin Comm; Subcomm Electrical & Electronic Equip TDAC

McElvain, Samuel M.

NDRC *Conslt* Sec B3a Div B; Div 9

McFarlane, Maynard D.

NDRC *Actg Chief* Engineering & Transition Ofc (Calif)

McGill, Russell

NDRC *Mbr* Sec B1a Div B; Sec 8.2 Div 8

McKenzie, Lawson M.

NDRC *Conslt* Chmn's Ofc. *Tech Aide* Sec 7.3 Div 7

McLean, Franklin C.

NDRC *Conslt* Secs A4, B4a Div B; Div 9

McLean, William B.

NDRC *Conslt* Secs E, H Div A; Divs 3, 4

McMaster, Philip D.

NDRC *Conslt* Div 9

McMath, Robert R.

NDRC *Mbr-at-Large* Engineering Panel; Engineering & Transition Ofc. *Conslt* Sec C2 Div C; Divs D, 12. *Mbr* Sec 16.1 Div 16

McMillan, Edwin M.

NDRC *Conslt* Sec D1 Div D

McPhee, J. R.

Spec Asst Sec T

McReynolds, James P. (deceased)

NDRC *Conslt* Div 9

Magee, Mae R.

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Major, Randolph T.

NDRC *Conslt* Div 9

Malina, Frank J.

NDRC *Conslt* Secs X, H Div A; Div 3

Marble, John P.

NDRC *Tech Aide* Sec A Div A; Div 1. *Spec Asst* to Chief Div 1

Mares, Joseph R.

OES *Patent Advisor* Patent Div (assigned to NDRC Div D)

Mark, Herman F.

NDRC *Conslt* Sec 16.1 Div 16

Marquis, Donald G.

NDRC *Tech Aide* Applied Psychology Panel

Marshak, Alfred

NDRC *Conslt* Div 9

Marshall, Albert E.

NDRC *Conslt* Sec B7b Div B; Sec 11.1 Div 11

Marshall, Eli K., Jr.

NDRC *Conslt* Secs A4, B4a Div B

Marshall, Laurence K.

NDRC *Conslt* Sec D1 Div D; Sec T Div A; Div 14

Marshall, Lauriston C.

OFS *Contr Employee*

Martel, Raoul R.

NDRC *Conslt* Sec B Div A; Div 2

Martin, Frederick E.

NDRC *Tech Aide* Sec 7.2 Div 7

Martin, Jerome L.

NDRC *Conslt* Div 9

Martin, Miles J.

NDRC *Tech Aide* Div 17

Marvel, C. S.

NDRC *Tech Aide*. Chmn Secs B3, B3a Div B. *Conslt* Div B. *Mbr* Secs A1, A2, B3d Div B; Div 9

Mason, Max

NDRC *Mbr* Secs C4, C4a Div C

Mathews, Joseph H.

NDRC *Conslt* Secs L3, B3b Div B; *Conslt* Div 9

Matson, Theodore M.

NDRC *Mbr* Sec 12.1 Div 12; Sec 16.5 Div 16

Matthews, Glenn E.

NDRC *Mbr* Photographic Equipment & Supplies Subcomm Tropical Deterioration Admin Comm

Maurer, Frank W.

NDRC *Mbr* Sec B8e Div B

May, Jean B.

OES *Persnl Officer* Div Persnl Operation & Management

May, Mark A.

OFS *Contr Employee*

Mehl, Robert F.

NDRC *Mbr* Secs L9, B8c Div B; Sec M; Div 18. *Conslt & Mbr* Applied Math Panel

Meloché, V. W.

NDRC *Conslt* Sec 8.2 Div 8

Menninger, Karl A.

OFS *Contr Employee*

Mercer, George L., Jr.

LO *Admin Asst* (London)

OFS *Contr Employee*

Merica, Paul D.

NDRC *Conslt* Sec M

Merten, Donald

OFS *Contr Employee*

MERTZ, LT. (J.C.) HENRIETTE (USNR(W))
OES *Spec Asst* Patent Div

MERTZ, PIERRE
NDRC *Chief, Spec Asst* to Chief, *Conslt* Sec 5.3 Div 5. *Mbr*
Div 5

MESSING, RICHARD F.
OFS *Contr Employee*

METCALF, GEORGE F.
NDRC *Mbr* Sec C1 Div C; Sec D1 Div D

METZGER, F. J.
NDRC *Conslt* Sec B7b Div B; Sec 11.1 Div 11

MEYER, CHARLES F.
OFS *Contr Employee*

MEYER, R. C.
NDRC *Conslt* Sec T Div A

MIDGLEY, THOMAS, JR.
NDRC *Chmn* Secs C1, B9a Div B. *Conslt* Div 11

MILES, WALTER R.
CMR *Conslt. Spec Conslt* Div Aviation Medicine
NDRC *Conslt* Applied Psychology Panel

MILLER, CLARA E.
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MILLER, GARLAND B., JR.
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MILLER, PHILLIP H.
NDRC *Conslt* Sec D1 Div D

MILLER, WILLIAM T., JR.
NDRC *Mbr* Sec B3d Div B. *Conslt* Div 9

MILLIKAN, CLARK B.
NDRC *Conslt* Sec X Div A

MILLIKAN, ROBERT A.
NDRC *Conslt* Div A

MILLS, HARLOW B.
CMR *Tech Aide* Div Chemistry

MINDLIN, RAYMOND D.
NDRC *Conslt* Div A; Sec T Div A

MINTON, DAVID C., JR.
NDRC *Tech Aide* Div 18

MITCHELL, DANA P.
NDRC *Conslt* Sec T Div A; Sec C4 Div C; Div 6

MITCHELL, DONALD H.
NDRC *Conslt* Sec B9c Div B

MITCHELL, EMILY B.
Historical Research Analyst Historians Ofc

MITCHELL, GEORGE A.
NDRC *Conslt* Sec 16.1 Div 16

MOGENSEN, ALLAN H.
OFS *Contr Employee*

MOHLER, FRED L.
NDRC *Conslt* Divs A, 4; Sec E Div A

MOHLER, NORA M.
NDRC *Tech Aide* Div 14

MONRAD, CARL C.
OFS *Contr Employee*

MONTGOMERY, FRANCES R.
CMR *Admin Officer*

MOON, PARRY H.
NDRC *Conslt* Sec C8 Div C; Sec 16.3 Div 16

MOONEY, MELVIN
NDRC *Conslt* Sec 11.2 Div 11

MOORE, FRANK H.
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MOORE, HUDSON, JR.
Spec Asst to OSRD Director

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CMR *Spec Conslt. Chief* Sec 2 Div Medicine. *Dpty Chief*
Div Medicine

MOORE, J. H.
NDRC *Dpty Chief* Div 15. *Tech Aide & Conslt* Div 15

MOORE, MAJ. GEN. RICHARD C.
NDRC *Mbr*

MOORE, STANFORD
OFS *Tech Aide*
NDRC *Tech Aide* Divs B, 9. *Conslt* Div 9

MOORE, T. V.
NDRC *Mbr* Sec 11.3 Div 11

MOREHOUSE, LYMAN F.
NDRC *Tech Aide* Sec C4 Div C; Sec 6.1 Div 6

MORELAND, E. L.
NDRC *Exec Officer. Conslt* to Chmn

MOREY, G. W.
NDRC *Conslt & Mbr* Sec 16.1 Div 16

MORFORD, HELEN S.
LO *Admin Asst*

MORGAN, ADOLPH R.
OFS *Conslt*

MORGAN, CLIFFORD T.
NDRC *Tech Aide* Sec 17.3 Div 17

MORGAN, D. P.
NDRC *Conslt* Div B

MORITZ, ALAN R.
NDRC *Conslt* Secs A4, B4c Div B; Div 9

MORLOCK, W. J.
NDRC *Conslt* Sec 13.7 Div 13

MORRIS, JOSEPH C.
LO *Conslt*
NDRC *Conslt* Sec T Div A
Mbr Scientific Persnl Comm

MORRIS, LLOYD W.
OFS *Contr Employee*

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OFS *Admin Asst*

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NDRC *Conslt* to Chmn. *Conslt & Mbr* Applied Math Panel

MORSE, P. M.
OFS *Asst Chief. Conslt*
NDRC *Actg Chief* Sec 17.3 Div 17. *Chmn* Sec C9 Div C.
Conslt Divs C, D; Applied Math Panel. *Mbr* Secs
C4, C5 Div C; Sec 17.3 Div 17; Sec 6.1 Div 6;
Applied Math Panel

MORTON, GEORGE A.
NDRC *Mbr* Sec 16.4 Div 16

MOSES, MARCARET P.
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OES *Patent Advisor* Patent Div (assigned to Spec Proj)

MOSS, SANFORD A., JR.
 NDRC *Conslt* Div 9
 MOTT-SMITH, L. M.
 NDRC *Conslt* Sec T Div A
 MOULTON, R. S.
 NDRC *Conslt* Sec 11.3 Div 11
 MUEHLBERGER, C. W.
 NDRC *Conslt* Sec B4a Div B
 MUELLER, J. HOWARD
 NDRC *Conslt* Div 9
 MULLEN, GENEVIEVE A.
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 NDRC *Mbr* Sec 11.3 Div 11
 MURNAGHAN, FRANCIS D.
 NDRC *Conslt* Applied Math Panel
 MURPHREE, E. V.
 Conslt to OSRD Director. *Chmn* S-1 Planning Bd. *Mbr* S-1
 Exec Comm
 NDRC *Conslt-in-Genl* Div B
 MURPHY, JOHN J.
 NDRC *Conslt* Sec B7b Div B; Sec 11.1 Div 11
 MURRAY, ALBERT F.
 NDRC *Tech Aide* Chmns Ofc; Sec C1 Div C; Divs 5, 13
 MURRAY, ROBERT J.
 OES *Appraiser* Priorities & Property Control Sec
 MYERS, JOHN D.
 OES *Head Fiscal Accountant* Budget & Finance Ofc
 MYERS, N. F.
 NDRC *Chief & Mbr* Sec 11.3 Div 11. *Mbr* Div 11

 NADAI, A. L.
 NDRC *Conslt* Div 2
 NAFFZIGER, H. C.
 CMR *Mbr Spec Conslt* Panel. *Conslt* Sec 2 Div Surgery
 NEAL, STANFORD
 NDRC *Conslt* Div 2
 NEDDERMEYER, SETH H.
 NDRC *Conslt* Div A; Scs T, E Div A
 NEHER, H. VICTOR
 NDRC *Conslt* Sec D1 Div D
 NETTLETON, DOUGLAS A.
 OFS *Contr Employee*
 NEUENDORFFER, JOSEPH A.
 OFS *Contr Employee*
 NEWHALL, ROBERT M.
 OFS *Contr Employee*
 NDRC *Tech Aide* Sec 11.3 Div 11
 NEWMAN, F. JOHNSTON
 OES *Admin Asst* Admin Div (New York)
 NEWMARK, NATHAN M.
 OFS *Contr Employee*
 NDRC *Conslt* Sec B Div A; Div 2
 NIELSEN, JULIAN, JR.
 NDRC *Asst Chief* Engineering & Transition Ofc (Calif)
 NIEMANN, CARL G.
 NDRC *Conslt & Mbr* Div 9
 NIER, ALFRED O.
 NDRC *Mbr* Separation Subsec S-1 Sec

 NOBLE, MAJ. HOWARD E.
 NDRC *Asst War Dept Liaison Officer* for NDRC
 NOULLER, C. R.
 NDRC *Mbr* Sec A2 Div B. *Conslt* Div 9
 NORCROSS, AUSTIN S.
 NDRC *Tech Aide* Sec D2 Div D; Sec 7.1 Div 7
 NORCROSS, CLEVELAND
 OES NDRC CMR *Exec Secy. Contracting Officer*
 OES *Exec Asst* to Exec Secy. *Chief Admin Div*
 Secy Publications Comm; *Contr Settlement Review*
 Bd
 NORDHEIM, LOTHAR W.
 NDRC *Conslt* Sec A Div A; Div 1
 NORTHROP, JOHN H.
 NDRC *Conslt* Sec A4 Div B; Div 9. *Mbr* Div B4c Div B.
 CMR *Conslt*
 NORTON, BAYES M.
 NDRC *Spec Asst* Chmns Ofc. *Tech Aide* Sec L Div 3; Div
 3; Summary Tech Rpts Group
 NOTTINGHAM, WAYNE B.
 NDRC *Conslt* Sec D1 Div D
 NOYES, W. A., JR.
 Mbr Insect Control Comm
 OFS *Tech Aide*
 NDRC *Spec Asst* to Chmn. *Chief* Div 10. *Chmn* Secs L11,
 B6 Div B. *Mbr* Sec L3 Div B. *Tech Aide* Div B;
 Summary Tech Rpts Group
 NYQUIST, HARRY
 NDRC *Conslt* Div C; Div 6

 OAKWOOD, THOMAS S.
 NDRC *Conslt* Scs A1, B2a Div B
 OBERT, LEONARD A.
 NDRC *Conslt* Div A
 O'BRIEN, BRIAN, JR.
 Conslt Sensory Devices Comm
 OFS *Contr Employee*
 NDRC *Chief* Sec 16.2 Div 16. *Dpty Chief* Sec 16.5 Div 16.
 Vice Chmn & Mbr Sec C6 Div C. *Mbr* Divs 16, 17.
 Conslt Sec D3 Div D
 O'BRIEN, COMDR. GERALD E. (USNR)
 OES *Patent Advisor* Patent Div (assigned to Secs H, L
 NDRC Div 3)
 OFFENHAUSER, W. H., JR.
 NDRC *Chmn* Photographic Supplies & Equip Subcomm
 Tropical Deterioration Admin Comm
 OGDEN, ERIC
 CMR *Conslt*
 OLDFIELD, L. W.
 NDRC *Conslt* Sec 11.3 Div 11
 OLIVE, WILLIAM M.
 LO *Admin Asst*
 OLIVER, A. REBECCA
 LO *Tech Aide*
 OLPIN, A. R.
 NDRC *Conslt* Secs A3, B3b Div B
 OLSEN, FRED
 NDRC *Mbr* Sec A1 Div B. *Conslt* Secs B1, B2a, B2 Div B
 OLSEN, ABRAHAM C.
 OFS *Contr Employee*

OLSON, A. R.
NDRC *Conslt* Sec L11 Div B; Div B; Div 10

OLSON, HARRY F.
NDRC *Conslt* Div A; Sec E Div A

O'MALLEY, LT. THOMAS L. (USNR)
OES *Patent Advisor* Patent Div (assigned to Spec Proj)

OOMS, CASPER W.
NDRC *Mbr*

OPIE, E. L.
NDRC *Mbr* Sec B4a Div B. *Conslt* Div 9

OPPENHEIMER, J. ROBERT
Conslt to OSRD Director

ORMONDROYD, JESSE E.
NDRC *Mbr* Sec L13 Div B

ORMSBEE, RICHARD A.
Tech Aide Insect Control Comm
CMR *Tech Aide* Div Chemistry

OSBORN, EDWIN C.
OFS *Contr Employee*

OSBORN, ELBURT F.
NDRC *Conslt* Sec A Div A

OSBORNE, G. GORDON
NDRC *Mbr* Tropical Deterioration Admin Comm

OSBORNE, COL. RALPH M.
NDRC *War Dept Liaison Officer* for NDRC

OSBORNE, WILLIAM A.
OES *Chief Security* Sec

OSGARD, BERTHA L.
NDRC *Tech Aide* Chmn's Ofc

O'SHAUGHNESSY, M. THOMAS
NDRC *Conslt* Sec B5 Div B; Div 10. *Tech Aide* Div 10

OTTO, ARTHUR L.
OFS *Contr Employee*

OVERHOLSER, WINFRED
CMR *Conslt* CMR; Sec 4 Div Medicine

OWEN, B. B.
NDRC *Conslt* Div 3

OWENS, JAMES S.
NDRC *Tech Aide* Sec 16.4 Div 16

PACK, EUGENE G.
OFS *Contr Employee*

PACKER, GEORGE
OFS *Contr Employee*

PADDOCK, LOUISE W.
LO *Admin Asst*

PAGE, CHESTER H.
NDRC *Conslt* Sec E Div A; Div 4

PAGE, ROBERT M.
NDRC *Mbr* Sec 7.6 Div 7

PALMER, W. W.
CMR *Conslt* CMR; Sec 4 Div Medicine

PARENT, KATHERINE A.
CMR *Admin Asst*

PARIS, PEARL
Admin Asst Scientific Persnl Ofc

PARSONS, CHARLES L.
NDRC *Conslt* Div B; Div 9

PARSONS, JOHN W.
NDRC *Conslt* Div A; Secs X, H Div A; Div 3

PARSONS, W. S.
Spec Asst to OSRD Director

PAULING, LINUS C.
NDRC *Mbr* Secs L1, L3, L4, B5 Div B; Div 8. *Conslt* Sec H Div A; Divs 3, 9
CMR *Mbr* Spec *Conslt* Panel

PAXSON, EDWIN W.
OFS *Contr Employee*

PEACOCK, J. CRAIG
NDRC *Tech Aide* Div E

PEARCE, HOMER U.
OFS *Contr Employee*

PEARSON, DONALD E.
NDRC *Tech Aide* Secs B, B3b Div B; Div 9

PEART, JOHN R.
OFS *Contr Employee*

PEASE, ROBERT N.
NDRC *Mbr* Sec L11 Div B

PEASLEE, DAVID C.
OFS *Contr Employee*

PEGRAM, GEORGE B.
NDRC *Vice Chmn* S-1 Sec. *Chmn* Power Production Subsec S-1 Sec. *Conslt* Div C. *Mbr* Secs C4, C4a Div C; Sec 6.1 Div 6; Div 6

PELLAM, JOHN R.
OFS *Contr Employee*

PEPPER, O. H. P.
Mbr Scientific Persnl Comm
CMR *Conslt* CMR; Sec 4 Div Medicine

PERKINS, JOSEPH R., JR.
NDRC *Tech Aide* Vacuum Tube Development Comm

PETERS, RUTH M.
NDRC *Tech Aide* Sec 7.2 Div 7

PETERSON, ARNOLD P. G.
NDRC *Conslt* Sec D1 Div D

PETERSON, ARTHUR C., JR.
NDRC *Conslt* Sec D1 Div D

PETRAUSKAS, ALEXANDER A.
OFS *Contr Employee*

PETRENKO, MARIE L.
OES *Asst Persnl Officer* Div Persnl Operations & Management

PETTIBONE, GEORGE H.
NDRC *Mbr* Sec 7.3 Div 7

PFUND, A. H.
NDRC *Mbr* Sec C6 Div C; Sec 12.1 Div 12; Sec 16.5 Div 16. *Conslt* Sec 16.4 Div 16

PHELAN, EARL W.
NDRC *Tech Aide* Sec 5.5 Div 5

PHILBRICK, GEORGE A.
NDRC *Mbr* Sec 5.5 Div 5. *Conslt* Divs 5, 7. *Tech Aide* Sec D2 Div D; Sec 7.2 Div 7

PHILLIPS, CLARENCE H.
OES *Accountant* Budget & Finance Ofc

PHIPPS, THOMAS E., JR.
OFS *Contr Employee*

PICARDI, EGIDIO A.
OFS *Contr Employee*

PICKELS, E. G.
NDRC *Mbr* Sec D2 Div D; Sec 7.2 Div 7

- PIEDERM, MARGARET S.
OFS *Contr Employee*
NDRC *Tech Aide* Applied Math Panel
- PIERCE, WILLIS C.
OFS *Tech Aide*
NDRC *Chief* Sec 10.1 Div 10. *Spec Asst* Chmn's Ofc. *Vice Chmn* Sec B6 Div B. *Mbr* Secs L11, B6 Div B; Div 10. *Tech Aide* Summary Tech Rpts Group
- PICCOTT, CHARLES
NDRC *Conslt* Sec A Div A
- PIKE, E. CATHRYN
NDRC *Tech Aide* Div 4
- PILCHER, COBB
CMR *Dpty Chief* Div Surgery. *Chief* Sec 2 Div Surgery
- PILKINGTON, JOHN H.
NDRC *Conslt* to Chmn
- PINE, LT. (J.G.) GRANNVILLE M. (USNR)
OES *Patent Advisor* Patent Div (assigned to Spec Proj)
- PIPPIN, RAYMOND E.
OES *Asst Chief* Priorities & Property Control Sec
- PITTMAN, JOHN J.
NDRC *Mbr* Optical Instruments Subcomm Tropical Deterioration Admin Comm
- PITZER, K. S.
NDRC *Conslt* Div 10
- POHL, MARIAN E.
Tech Aide Insect Control Comm
CMR *Tech Aide* Div Chemistry
- POILLON, HOWARD A.
NDRC *Mbr* Sec D-M Div D; Sec 14.1 Div 14
- POITRAS, EDWARD J.
NDRC *Tech Aide*. *Chief* Sec 7.3 Div 7. *Mbr* Div 7; Engineering & Transition Ofc
- POLLOCK, HERBERT C.
NDRC *Conslt* Div A; Sec T Div A; Separation Subsec S-1 Sec
- POMERAT, GERARD R.
OFS *Contr Employee*
- POND, DONALD S.
OFS *Contr Employee*
- POOLE, JOHN W.
NDRC *Chief* Engineering & Transition Ofc (Calif)
- PORTER, HENRY H.
NDRC *Conslt* Sec T Div A
- POSNJAK, EUGENE
NDRC *Conslt* Sec A Div A
- POST, CHESTER L.
NDRC *Conslt* Sec B Div A; Div 2
- POST, M. DEAN
LO *Tech Aide* (London)
- POST, PAUL I.
OES *Admin Asst* Priorities & Property Control Sec
- POTTER, GORDON V.
OES *Chief* Budget & Acctg Sec Budget & Finance Ofc
- POTTER, RALPH K.
NDRC *Chief* Sec 13.3 Div 13. *Mbr* Sec C1 Div C; Divs 13, 15; Secs 13.1, 13.4 Div 13; Engineering Panel. *Conslt* Sec C1 Div C
- POULTER, THOMAS C.
NDRC *Conslt* Sec A Div A; Div 6
- PRAGER, WILLIS
NDRC *Conslt* Applied Math Panel
- PRAATT, HARADEN
NDRC *Chief* Div 13; Sec 13.5 Div 13. *Mbr* Sec C1 Div C; Div 13
- PRENTISS, SPENCER S.
OES *Patent Advisor* Patent Div (assigned to Sec 11.1 NDRC Div 11)
NDRC *Tech Aide* Secs B5, B7, B8 Div B; Secs 11.1, 11.2 Div 11; Div 11
- PRICE, C. C.
NDRC *Conslt* Sec B3a Div B; Div 9. *Mbr* Sec B3a Div B
- PRIEST, CONAN A.
NDRC *Chief* Sec 13.4 Div 13. *Mbr* Sec C1 Div C; Div 13
- PROCTOR, J. VIRGIL
OFS *Contr Employee*
- PROCTOR, REDFIELD
NDRC *Mbr* Sec C2 Div C
- PRUITT, RUTH R.
OES *Admin Asst* Legal Div
- PUGH, E. M.
NDRC *Conslt* Div 2
- PUGLIESE, BETTY J.
OES *Classification Analyst* Div Persnl Operations & Management
- PULESTON, DENNIS
OFS *Contr Employee*
- PUTNAM, PALMER C.
Spec Asst to OSRD Director
NDRC *Tech Aide* Div 12
- QUIRK, WILLIAM H.
NDRC *Admin Asst* Ofc NDRC *Mbr* Frank B. Jewett
- RABI, I. I.
NDRC *Chmn* Vacuum Tube Development Comm. *Conslt* Sec D1 Div D. *Mbr* Sec D1 Div D; Div 14
- RABJOHN, NORMAN
NDRC *Conslt* Sec B3a Div B
- RADFORD, WILLIAM H.
NDRC *Mbr* Sec D4 Div D. *Conslt* Sec 16.4 Div 16; Sec 5.5 Div 5
- RADUE, LT. RICHARD G. (USNR)
OES *Patent Atty* Patent Div
- RAGAZZINI, JOHN R.
NDRC *Tech Aide* Sec D2 Div D; Secs 7.2, 7.4 Div 7
- RAMSEY, NORMAN F.
NDRC *Conslt* Sec D1 Div D
- RAULSTON, B. O.
CMR *Mbr* Spec *Conslt* Panel. *Conslt* Sec 1 Div Medicine
- RAY, ARTHUR B.
NDRC *Conslt* Secs L11, B6 Div B; Div 10; Div 9
- RAYTON, WILBUR B.
NDRC *Mbr* Sec 12.1 Div 12; Sec 16.5 Div 16
- READ, WILLIAM F.
OFS *Contr Employee*
- READE, MAXWELL
OFS *Contr Employee*
- REARDON, EUGENE J.
NDRC *Mbr* Sec C2 Div C; Div 12

REDFIELD, A. C.
NDRC *Conslt* Sec 11.2 Div 11

REED, CHARLES E.
NDRC *Conslt* Sec B6 Div B. *Tech Aide* Div 11; Sec 11.3 Div 11

REED, FRANK H.
NDRC *Mbr* Sec B3d Div B. *Conslt* Div 9

REED, SHELTON C.
OFS *Contr Employee*

REES, MINA S.
Mbr Council Scientific Persnl
NDRC *Tech Aide* Applied Math Panel

REESE, HANS H.
OFS *Contr Employee*

REEVE, E. WILKINS
NDRC *Tech Aide* Sec B3 Div B; Div 9

REGNIER, BRIG. GEN. E. A.
NDRC *Mbr. War Dept Liaison Officer* for NDRC

REICHELDERFER, FRANCIS
Mbr Council Scientific Persnl

REID, ERNEST W.
NDRC *Conslt* Divs B, 9

REMEY, JOHN T.
NDRC *Conslt* Ofc NDRC *Mbr* Frank B. Jewett; Div 19.
Tech Aide Sec C6 Div C; Sec 12.1 Div 12; Sec 16.5 Div 16; Div 16

RENSHAW, BIRDSEY
LO *Conslt & Tech Aide*
NDRC *Tech Aide* Div 9

RICARDS, HAROLD A.
OFS *Conslt*

RICE, O. KNEEFLE
NDRC *Conslt* Sec 8.1 Div 8

RICHARDS, ALBERT P.
OFS *Contr Employee*

RICHARDS, ALFRED N.
OSRD *Mbr* Advisory Council
CMR *Chmn*
NDRC *Conslt* Sec A4 Div B. *Mbr* Sec B4a Div B
Mbr Publications Comm

RICHARDS, DICKINSON W., JR.
CMR *Dpty Chief* Div Physiology

RICHARDS, LAWRENCE E.
OFS *Contr Employee*

RICHARDS, LORENZO A.
OFS *Contr Employee*

RICHART, FRANK E.
NDRC *Conslt* Sec B Div A; Div 2

RICHMOND, HAROLD B.
NDRC *Chief & Conslt* Div 5

RICHTER, GEORGE A.
NDRC *Chief* Sec 19.1 Div 19. *Chmn* Secs C3, B9b Div B.
Mbr Secs L4, B3c Div B. *Conslt* Divs 9, 19

RIGHTMYER, ROBERT D.
OES *Tech Aide* Patent Div

RIDENOUR, L. N., JR.
NDRC *Mbr* Sec X; Div 5. *Alt Mbr* Div 15

RIGG, ERNEST
NDRC *Mbr* Sec C7 Div C; Div 12; Sec 12.1 Div 12

RINEHART, JOHN S.
NDRC *Conslt* Chmn's Ofc. *Tech Aide* Sec E Div A; Div 4

RINEHART, ROBERT F.
OFS *Contr Employee*

RITTER, E. W.
NDRC *Mbr* Sec D-M Div D

ROBERTS, H. S., II
NDRC *Conslt* Sec A Div A

ROBERTS, J. G.
OES *Patent Advisor* Patent Div (assigned to Secs 5.3, 17.3 NDRC Divs 5, 17; Applied Math Panel)

ROBERTS, J. K.
NDRC *Mbr* Sec B10 Div B; Sec 11.3 Div 11

ROBERTS, R. B.
Conslt Sec T
NDRC *Conslt* Div A. *Mbr* Sec 7.6 Div 7

ROBERTS, SHEPARD
NDRC *Conslt* Sec D1 Div D

ROBERTS, WALTER VAN B.
NDRC *Conslt* Sec T Div A

ROBERTS, WILLIAM B.
OES *Chief* Budget & Accounting Sec Budget & Finance Ofc

ROBERTSON, H. P.
LO *Tech Aide* (London)
NDRC *Vice Chmn* Sec B Div A. *Conslt* Secs B, S, B1b Div B. *Mbr* Secs B, S Div B; Div 2; Applied Math Panel

ROBERTSON, O. H.
NDRC *Conslt* Sec B4a Div B

ROBINS, COL. RAYMOND R.
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RODEBUSH, W. H.
NDRC *Conslt* NDRC. *Chmn* Secs L1, B5 Div B. *Mbr* Sec A1 Div B; Div 10; Explosives Res Lab Comm (Bur Mines Comm)

RODERICK, JAMES B.
OES *Patent Advisor* Patent Div (assigned to NDRC Div 15)

ROJANSKY, VLADIMIR
NDRC *Conslt* Sec B Div A; Div 2

ROLLER, DUANE E.
NDRC *Conslt* Vice Chmn's Ofc; Div A. *Tech Aide* Ofc NDRC *Mbr* R. C. Tolman; Div A

ROMANO, JOHN
OFS *Contr Employee*

RONCI, VICTOR L.
NDRC *Conslt* Div A; Sec T Div A

ROONEY, W. J.
NDRC *Conslt* Sec T Div A

ROSAHN, PAUL D.
CMR *Tech Aide* Div Medicine

ROSE, EDWIN L.
NDRC *Conslt* Sec C3 Div C; Sec A Div A; Div 12. *Mbr* Sec A Div A; Div 1; Engineering Panel

ROSE, ELLSWORTH L.
OFS *Contr Employee*

ROSELUND, H. A.
NDRC *Conslt* Div 10

ROSEN, RAPHAEL
NDRC *Mbr* Sec B3d Div B. *Conslt* Div 9

ROSS, IRVINE E., JR.
NDRC *Conslt* Sec D1 Div D; Div 14

ROSSEL, H. E.
 NDRC Mbr Sec C7 Div C; Div 12
 ROSSER, JOHN B.
 NDRC *Conslt* Sec H Div A; Div 3; Applied Math Panel
 ROUTHIAU, COL. EDWARD A.
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 ROWE, EARL F.
 OES *Atty* Legal Div
 ROWE, HARTLEY
 NDRC *Conslt* to Chmn. Chief Div 12. Vice Chmn Div C.
 Mbr Engineering Panel
 ROY, MAX F.
 NDRC Tech Aide Scs B1, B2, B3, B4, B5, B6 Div B; Div
 8. *Conslt* Sec B1 Div B
 RUEBHAUSEN, OSCAR M.
 OES *Genl Counsel* Legal Div
 Chmn Contr Settlement Review Bd
 RUGE, ARTHUR C.
 NDRC *Conslt* Div A; Sec B Div A
 RUGELEY, E. W.
 NDRC *Conslt* Div 9
 RUIZ, A. L.
 NDRC Mbr Div 7; Scs 7.2, 7.6 Div 7
 RUSHTON, J. HENRY
 NDRC Chief Sec 11.1 Div 11. Mbr Div 11. Tech Aide Sec
 B7 Div B; Sec 11.1 Div 11
 RUSSELL, JACK A.
 OFS *Contr Employee*
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 NDRC Tech Aide Sec D2 Div D; Sec 7.2 Div 7
 RUSSELL, ROBERT P.
Conslt to OSRD Director
 OFS *Conslt*
 NDRC Chief Div 11. Chmn Sec B10 Div B. Mbr Scs B7b,
 B9c Div B; Div 11
 RUST, WILLIAM M., JR.
 NDRC *Conslt* Sec B Div A; Div 2
 RUTEMILLER, HERBERT C.
 OFS *Contr Employee*
 RYAN, FRANCIS M.
 NDRC Mbr Div 13
 RYDER, LOREN L.
 NDRC *Conslt* Engineering & Transition Ofc

 SADLER, E. J.
Conslt to OSRD Director
 SAFFORD, MOYER M.
 NDRC *Conslt* Sec H Div A; Div 3; Div 8
 SAGE, B. H.
 NDRC *Conslt* Sec H Div A; Div 3
 SALANT, EDWARD O.
Conslt Sec T
 NDRC *Conslt* Sec T Div A
 SALZBERG, P. L.
 NDRC *Conslt* Sec B3c Div B; Div 9
 SAURWEIN, VAL E.
 NDRC Tech Aide Sec 16.5 Div 16
 SAWYER, HAROLD E.
 OFS *Contr Employee*
 SAWYER, WILLIAM A.
 CMR *Conslt*
 SAYLOR, CHARLES P.
 NDRC *Conslt* Sec H Div A; Div 3
 SCHADE, COMMODORE H. A.
 OSRD Mbr Advisory Council
 NDRC Mbr
 SCHAEFFER, ELMER R.
 NDRC Tech Aide Div 4
 SCHAIRER, JOHN F.
 NDRC *Conslt* Sec A Div A; Div 1. *Spec Asst* Div 1
 SCHIAUER, CHARLES H.
 NDRC *Asst Chief* Engineering & Transition Ofc
 Chief Transition Ofc Engineering & Transition Ofc
 SCHERER, PAUL A.
 OSRD *Actg Director*
 NDRC *Dpty Exec Officer*. Chief Engineering & Transi-
 tion Ofc. Chmn Contr Settlement Review Bd
 SCHILT, JAN
 NDRC *Conslt* Applied Math Panel
 SCHMITT, OTTO H. A.
 NDRC *Conslt* Sec D1 Div D
 SCHNEIDER, MADELAINE T.
 OFS Tech Aide
 NDRC Tech Aide Ofc NDRC Mbr Karl T. Compton;
 Div D
 SCHOENHERR, K. E.
 NDRC Mbr Sec 12.1 Div 12
 SCHUBERT, RITA G.
 NDRC Tech Aide Div 1
 SCHUMB, WALTER C.
 NDRC Mbr Sec L3 Div B. *Conslt* Sec B3b Div B
 SCHWARZ, EDWARD R.
 NDRC *Conslt* Sec 16.3 Div 16
 SCOTT, EUGENE W.
 LO *Asst Liaison Officer*
 NDRC *Dpty Exec Officer*. *Actg Chief* Div 2
 SCOTT, MILDRED (deceased)
 OES *Admin Asst* Priorities & Property Control Sec
 SEASE, VIRGIL B.
 NDRC Mbr Photographic Equip & Supplies Subcomm
 Tropical Deterioration Admin Comm
 SEBRELL, W. H.
 CMR *Conslt*
 SEBRING, SERRING D.
 NDRC *Admin Asst* Sec 6.1 Div 6
 SEEHER, ROBERT R., JR.
 OFS *Contr Employee*
 SEEGER, RAYMOND J.
 NDRC *Conslt* Applied Math Panel
 SEITZ, FREDERICK, JR.
 NDRC Mbr Scs B, S Div A; Div 2. *Conslt* Sec D1 Div D;
 Div 2
 SELBERT, A. TODD
 OFS *Contr Employee*
 SELBY, C. D.
 CMR *Conslt* CMR; Sec 4 Div Medicine
 SENIOR, JAMES K.
 OFS *Contr Employee*
 NDRC *Conslt* Scs A1, B3a Div B

SHACKLEFORD, BENJAMIN E.
NDRC *Conslt* Sec C1 Div C; Sec 13.4 Div 13

SHACKLETON, SAMUEL P.
NDRC *Spec Asst* Ofc NDRC Mbr Frank B. Jewett. *Tech Aide* Div C

SHACKLETON, WILLIAM J.
NDRC *Conslt* Div A; Sec E Div A

SHALLENBERGER, WILLIAM
NDRC *Engnr* Engineering & Transition Ofc

SHANKLAND, ROBERT S.
NDRC *Conslt* Divs C, 6

SHANNON, CLAUDE E.
NDRC *Conslt* Sec D2 Div D

SHANNON, JAMES A.
CMR *Conslt*

SHAPLEY, VIRGINIA
NDRC *Tech Aide* Chmns Ofc; *Tech Rpts* Sec

SHAW, CHARLES H.
NDRC *Conslt* Sec T Div A

SHAW, GEORGE R.
NDRC *Conslt* Sec T Div A

SHAW, R. C.
NDRC *Conslt & Tech Aide* Chmns Ofc

SHEA, T. E.
NDRC Mbr Secs C4, C4a Div C; Div 6; Engineering Panel

SHELBY, ROBERT E.
NDRC *Conslt* Sec 5.3 Div 5; Div 5

SHELLARD, GORDON D.
OFS *Contr Employee*

SHEPARD, NORMAN A.
NDRC *Conslt-in-Genl* Div B. *Conslt* Div 8

SHEPPARD, HARRY S.
NDRC *Tech Aide* Div C

SHERWOOD, THOMAS K.
NDRC *Chief* Sec 11.2 Div 11. *Chmn* Secs B8, B8f Div B. Mbr Div 11. *Conslt* Div 10

SHIELDS, THELMA M.
OES *Admin Asst* Priorities & Property Control Sec

SHIMKIN, M. B.
CMR *Conslt*

SHOWERS, RALPH M.
OFS *Contr Employee*

SHRINER, R. L.
NDRC Mbr Secs B2a, B3a Div B; Sec 8.2 Div 8; Div 9. *Conslt* Div 9

SHURCLIFF, WILLIAM A.
LO *Tech Aide*
NDRC *Tech Aide* Ofc NDRC Mbr R. C. Tolman

SIDES, VIRGINIA V.
OFS *Tech Aide & Conslt*

SILSBEE, FRANCIS B.
NDRC *Conslt* Div 4

SILVERMAN, ERVIN
NDRC *Engineering Draftsman* *Tech Rpts* Sec

SIMMONS, A. B.
NDRC Mbr Sec 12.1 Div 12; Sec 16.5 Div 16

SIMMONS, JAMES S.
CMR Mbr

SIMMONS, S. J. (deceased)
NDRC *Conslt* Sec D1 Div D

SIMMS, MARGARET L.
OES *Chief Contr & Project Control* Sec

SIMONS, J. H.
NDRC Mbr Sec L3 Div B; *Conslt* Sec B3b Div B

SIMONS, RODNEY F.
LO *Tech Aide* (Washington & London)

SIMPSON, HARRY B.
OES *Asst* to Chief Contr Sec

SINCLAIR, DAVID
NDRC *Conslt* Div 10

SINCLAIR, DONALD B.
NDRC Mbr Sec 5.5 Div 5. *Conslt* Div 5

SINGLETON, HENRY E.
OFS *Contr Employee*

SIVIAN, L. J.
NDRC *Spec Asst* to Chief Sec 17.3 Div 17

SKLAR, GEORGE
OES *Asst Budget & Finance Officer* Budget & Finance Ofc

SLATER, JOHN C.
NDRC *Conslt* Sec D1 Div D

SLEPIAN, JOSEPH
Mbr *Conslt* Panel S-1 Exec Comm
NDRC *Conslt* S-1 Sec

SLICHTER, LOUIS B.
NDRC *Conslt* Div C. Mbr Secs C4, C4b Div C; Div 6

SLOMA, LEONARD V.
OFS *Contr Employee*

SLUTZ, RALPH J.
NDRC *Conslt* Secs B, S Div A. *Tech Aide* Sec B Div A; Div 2

SMALLEY, GEORGE E.
OFS *Contr Employee*

SMITH, GEORGE F.
NDRC Mbr Sec L3 Div B. *Conslt* Sec B3b Div B

SMITH, GILBERT B. L.
NDRC Mbr Sec A1 Div B

SMITH, HAROLD L.
NDRC *Conslt* Sec C2 Div C

SMITH, REAR ADM. HAROLD W.
CMR Mbr

SMITH, HENRY M.
NDRC *Conslt* Sec E Div A

SMITH, HOMER W.
NDRC *Chmn* Sec B4c Div B. *Conslt* Sec B4a Div B. Mbr Secs B4a, B4c Div B; Div 9

SMITH, K. D.
NDRC *Conslt* Sec E Div A

SMITH, LEE I.
NDRC Mbr Sec A1 Div B. *Conslt* Div 9

SMITH, LINCOLN G.
NDRC *Conslt* Div 2

SMITH, CAPT. LYBRAND P.
NDRC Mbr

SMITH, NICOL H.
NDRC *Tech Aide* Sec A Div A; Div 1

SMITH, ROGERS P.
NDRC *Admin Asst* Sec 7.6 Div 7

SMYTH, CHARLES P.
OFS *Contr Employee*

SMYTH, H. D.

Mbr Conslt Panel S-1 Exec Comm

NDRC *Chmn* Sec S Div A. *Mbr* S-1 Sec; Sec B Div A.
Conslt Power Production & Theoretical Aspects
Subsecs S-1 Sec

SMYTHE, W. R.

NDRC *Conslt* Sec H Div A

SNYDER, HAROLD R.

NDRC *Conslt* Sec B3a Div B; Div 9

SODERBERG, C. R.

NDRC *Mbr* Sec C3 Div C. *Conslt* Div 12

SOKOLNIKOFF, JOHN I. S.

NDRC *Tech Aide* & *Conslt* Applied Math Panel

SOLE, JOHN H.

Mbr Contr Settlement Review Bd

NDRC *Engr* Engineering & Transition Ofc Chief Div
Admin Group

SOLLER, JOHN T.

NDRC *Conslt* Sec D1 Div D

SOMERS, BRIG. GEN. RICHARD H.

NDRC *War Dept Liaison Officer* for NDRC

SOUTHWORTH, HAMILTON

CMR *Liaison Officer* (London)

SPANGENBERG, KARL R.

OFS *Contr Employee*

SPENCER, DONALD C.

NDRC *Tech Aide* Applied Math Panel

SPENCER, HUGH H.

NDRC *Spec Asst* to *Chmn. Dpty Chief* & *Chief* Div 5. *Mbr*
Engineering Panel. *Tech Aide* Secs C2, C3 Div C;
Summary Tech Rpts Group

SPENCER, PERCY L.

NDRC *Conslt* Div A; Sec T Div A

SPILHAUS, A. F.

NDRC *Conslt* Div 10

SPROUL, R. G.

Spec Asst to OSRD Director

SQUIRE, CHARLES F.

OFS *Contr Employee*

STAHR, LOUISE

NDRC *Tech Aide* Tech Rpts Sec

STALNAKER, J. M.

NDRC *Mbr* Applied Psychology Panel

STARR, EUGENE C.

LO *Tech Aide*

NDRC *Tech Aide* Sec C1 Div C; Div 13; Sec 13.5 Div 13

STEDTEFELD, DAVID J.

OFS *Contr Employee*

STEENROD, NORMAN E.

OFS *Contr Employee*

STEEVES, ALAN H., JR.

OFS *Contr Employee*

STEIN, I. MELVILLE

NDRC *Chief* Sec 17.2 Div 17. *Conslt* Div D. *Mbr* Div 17

STEINBERG, ARTHUR G.

OFS *Contr Employee*

STEINBERG, J. C.

NDRC *Mbr* Sec C9 Div C

STEINGRUBBY, F. PATRICIA

OES *Purchase Officer* Admin Services Sec

STEINHARDT, JULIUS J.

OFS *Contr Employee*

STEPHENS, OLIN J., II

NDRC *Conslt* Div 12

STEPHENS, RODERICK, JR.

OFS *Conslt*

NDRC *Conslt* Div 2

STEPHENSON, H. K.

OFS *Contr Employee* & *Tech Aide*

NDRC *Tech Aide* Sec D3 Div D; Div 16

SIERN, ESTHER O.

OES *Unit Head* Prods Sec

STERNHELL, CHARLES M.

OFS *Contr Employee*

STEVENS, STANLEY S.

NDRC *Conslt* Sec C5 Div C. *Mbr* Secs C5, C9 Div C; Sec
17.3 Div 17

STEVENSON, EARL P.

NDRC *Chief* Div 11; Secs 11.1, 11.3 Div 11. *Chmn* Secs
B7, B7b, B7d Div B. *Mbr* Div 11; Engineering
Panel

STEVENSON, RESTON

NDRC *Mbr* Sec L1 Div B

STEVEY, H. GUYFORD

LO *Tech Aide* (London)

STEWART, DUNCAN

NDRC *Chief* Sec 7.1 Div 7. *Mbr* Sec D2 Div D; Div 7

STEWART, G. W.

NDRC *Conslt* Sec E Div A

STEWART, IRVIN

OSRD *Actg Director. Dpty Director. Exec Secy. Contracting*
Officer

NDRC CMR *Exec Secy. Contracting Officer Secy* S-1 Exec
Comm. *Chmn* Publications Comm

STEWART, T. D.

NDRC *Conslt* Sec L11 Div B; Sec B6 Div B

STIBITZ, GEORGE R.

NDRC *Conslt* Sec H Div A. *Tech Aide* Sec D2 Div D; Sec
7.1 Div 7

STIMSON, HAROLD F.

NDRC *Conslt* Div 3

STOCK, C. CHESTER

Asst to *Chmn* Insect Control Comm

CMR *Dpty Chief* Div Chemistry

STONE, H. G.

NDRC *Conslt-in-Genl* Div B. *Mbr* Div 8

STORER, TRACY I.

Mbr Rodent Control Subcomm Insect Control Comm

STORY, WILLIAM E., JR.

LO *Tech Aide*

STOUGHTON, BRADLEY

NDRC *Mbr* Sec L9 Div B

STOUTENBURGH, PAUL P. (deceased)

OES *Asst Patent Advisor* Patent Div

STRATTON, JULIUS A.

NDRC *Conslt* Sec D1 Div D. *Mbr* & *Conslt* Propagation
Comm

STRAUB, LORENZ G.

NDRC *Tech Aide* Sec C Div A; Divs 3, 6

STREET, J. C.
NDRC *Conslt* Sec D1 Div D. *Mbr* Sec 14.2 Div 14

STREIB, JOHN F., JR.
NDRC *Conslt* Secs T, E Div A

STRICKLAND, L. C.
OES *Patent Advisor* Patent Div (assigned to NDRC Div 18)

STRONG, BRIG. GEN. GEORGE V. (deceased)
NDRC *Mbr*

STRONG, JOHN D.
NDRC *Mbr* Sec D4 Div D; Sec 5.5 Div 5

STUTZ, GEORGE F. A.
NDRC *Mbr* Sec 12.1 Div 12; Sec 16.5 Div 16

SUITS, C. G.
NDRC *Chief* Div 15. *Chmn* Div F. *Mbr* Secs D-M, D1 Div D; Div 14; Sec 14.1 Div 14

SULLIVAN, F. W.
NDRC *Conslt* Div 9

SULLIVAN, FERN E.
NDRC *Admin Asst* Sec C4 Div C; Sec 6.1 Div 6

SUTER, CHESTER M.
NDRC *Conslt* Sec B3a Div B

SUTHERLAND, H. K.
NDRC *Conslt* Sec B3a Div B; Div 9

SUTTON, LOYD H.
NDRC *Conslt* to NDRC *Mbr* Conway P. Coe

SVERDRUP, HAROLD U.
NDRC *Conslt* Div 6

SWAIN, R. C.
NDRC *Conslt* Div 9

SWANGER, WILLIAM H. (deceased)
NDRC *Conslt* Sec A Div A

SWEENEY, W. J.
NDRC *Mbr* Sec B7b Div B

SWIFT, ERNEST H.
NDRC *Conslt* Div 9

SWIRSKY, ABEL
OES *Admin Analyst*

SYDENSTRICKER, V. P.
CMR *Spec Conslt*

SZILARD, LEO
NDRC *Mbr* Power Production & Theoretical Aspects Subsecs S-1 Sec

TALIAFERRO, WILLIAM H.
NDRC *Conslt* Secs A3, A4, B4a Div B; Div 9

TANBERG, A. P.
NDRC *Conslt-in-Genl* Div B; Div 9

TANIS, HUBERT E., JR.
NDRC *Conslt* Div A; Sec T Div A

TAFLIN, JOHN F.
NDRC *Mbr* Sec 7.3 Div 7

TARBAY, MARY E.
OES *Admin Asst* to Exec Secy

TARBELL, DEAN S.
NDRC *Mbr* Sec A3 Div B. *Conslt* Sec B3b Div B; Div 9

TATE, JOHN T.
OFS *Asst Chief*
NDRC *Vice Chmn* Div C. *Chmn* Secs C4, C4b, C7 Div C; Sec C Div A. *Chief* Divs 3, 6. *Mbr* Divs 3, 4. *Conslt* Sec X Div A

TAUB, ABRAHAM H.
NDRC *Conslt* Sec B Div A; Div 2. *Mbr & Conslt* Applied Math Panel

TAYLOR, J. F. M.
NDRC *Conslt* Sec 11.3 Div 11

TAYLOR, LAURISTON S.
NDRC *Conslt* Secs E, H Div A; Div 3

TEAR, JAMES D.
NDRC *Mbr* Sec 7.3 Div 7

TEAS, J. P., JR.
NDRC *Conslt* Sec T Div A

TEETER, JOHN H.
NDRC *Tech Aide* Chmns Ofc

TEMPLE, STERLING
NDRC *Conslt* Sec B3a Div B; Div 9

TEN BROOK, J. A.
NDRC *Spec Asst* Engineering & Transition Ofc

TERMAN, F. E.
NDRC *Mbr* Sec D1 Div D; Divs F, 14, 15; Sec 14.1 Div 14; Vacuum Tube Development Comm

THACKSTON, W. J.
NDRC *Conslt* Div 9

THATCHER, EVERETT W.
LO *Tech Aide* (London)

THIESMEYER, LINCOLN R.
OFS *Tech Aide*

THIESSEN, ARTHUR E.
NDRC *Conslt* Sec D1 Div D

THIMANN, KENNETH V.
OFS *Contr Employee*

THOMAS, ALBERT G.
NDRC *Tech Aide* Div 4

THOMAS, CHARLES A.
Conslt to OSRD Director
NDRC *Dpty Chief* Div 8. *Actg Chief* Sec 8.1 Div 8. *Mbr* Sec Bld Div B

THOMAS, M. D.
NDRC *Conslt* Div 10

THOMPSON, BEVERLY
OES *Atty* Legal Div

THOMPSON, CARL E.
OFS *Contr Employee*

THOMPSON, EMILY
Tech Aide Insect Control Comm
CMR *Tech Aide* Div Chemistry

THOMPSON, L. R.
CMR *Mbr*

THOMPSON, L. T. E.
NDRC *Conslt* Div 1

THOMPSON, NORMAN J.
NDRC *Conslt* Sec B7d Div B; Div 2. *Mbr* 11.3 Div 11

THORNDIKE, ALAN M.
OFS *Contr Employee*

THORNDIKE, ALBERT
OFS *Contr Employee*

THORSON, ELLEN P.
OES *Admin Asst* Patent Div

THORSON, OSWALD H.
OFS *Contr Employee*

- THRESHER, BRAINERD A.
OFS *Contr Employee*
- THROCKMORTON, EDGERTON A.
NDRC *Mbr Tropical Deterioration Admin Comm*
- THWAITE, WALTER E.
NDRC *Spec Asst Transition Ofc Engineering & Transition Ofc*
- TILLET, WILLIAM S.
CMR *Conslt CMR; Sec 4 Div Medicine*
- TITUS, ALBERT C.
NDRC *Mbr Electrical & Electronic Equip Subcomm Tropical Deterioration Admin Comm*
- TOLMAN, RICHARD C.
NDRC *Mbr. Vice Chmn. Chmn Div A*
- TORRESON, O. W.
NDRC *Conslt Sec T Div A*
- TOWNES, EDITH G.
NDRC *Tech Aide Ofc NDRC Mbr R. C. Tolman; Tech Rpts Sec*
- TOWNSEND, JOHN R.
NDRC *Conslt Sec H Div A; Div 3*
- TRABER, RALPH E.
OFS *Contr Employee*
- TRAYER, HAROLD A.
LO *Tech Aide*
- TRICHEL, COL. GERVAIS W.
OSRD *Mbr Advisory Council*
- TRIMBLE, HAROLD C.
OFS *Contr Employee*
- TROLLER, THEODOR H.
OFS *Contr Employee*
- TROYER, HOWARD W.
OFS *Contr Employee*
- TRUMP, JOHN G.
NDRC *Tech Aide NDRC; Divs B, 14*
- TRYTTEN, MERRIAM H.
NDRC *Conslt Vice Chmn Ofc. Tech Aide Sec D2 Div D*
- TULLER, WILLIAM G.
NDRC *Conslt Sec D1 Div D*
- TUNELL, GEORGE
NDRC *Conslt Div A*
- TURKEVICH, JOHN
NDRC *Conslt Sec B6 Div B*
- TURKINGTON, VICTOR H.
NDRC *Mbr Secs L2, B8b Div B*
- TURNER, KENNETH B.
CMR *Liaison Officer (London). Conslt. Chief Records Sec*
- TURNER, LOUIS A.
NDRC *Conslt Div D*
- TUTTLE, FORDYCE E.
NDRC *Mbr Div 16; Engineering Panel. Conslt Divs 16, 17*
- TUVE, M. A.
Chmn *Sec T. Mbr Publications Comm*
NDRC *Chmn Sec T Div A. Mbr S-1 Sec*
- TWOMEY, L. S.
NDRC *Conslt Sec B7b Div B; Sec 11.1 Div 11*
- TYLER, A. RANGER
OFS *Contr Employee*
- TYLER, CARROLL L.
Spec *Asst Sec T*
- TYSON, JAMES K.
OFS *Contr Employee*
- UEHLING, EDWIN A.
OFS *Contr Employee*
- ULRICH, VINTON K.
NDRC *Conslt Sec T Div A*
- UMBECK, JOSEPHINE E.
OES *Admin Asst Priorities & Property Control Sec*
- UNTIEDT, FREDERICK H.
NDRC *Conslt Sec H Div A; Div 3*
- UREY, HAROLD C.
Mbr *S-1 Exec Comm*
NDRC *Chmn Separation & Heavy Water Subsecs S-1 Sec*
- VALLEY, GEORGE E., JR.
NDRC *Mbr Sec 7.2 Div 7*
- VAN ALLEN, J. A.
NDRC *Conslt Sec T Div A*
- VAN DE GRAFF, R. J.
NDRC *Conslt Div D*
- VAN DE KAMP, PETER
OFS *Contr Employee*
- VAN EVERA, BENJAMIN D.
NDRC *Conslt Sec H Div A; Div 3*
- VANKEUREN, REAR ADM. A. H.
OSRD *Mbr Advisory Council*
NDRC *Mbr*
- VAN KLOOSTER, HENDRIK S.
OFS *Contr Employee*
- VAN VLECK, JOHN H.
NDRC *Conslt to Chmn; Sec D1 Div D; Sec 8.1 Div 8; Div 14*
- VAN VOORHIS, STANLEY M.
NDRC *Conslt Sec D1 Div D*
- VEBLEN, OSWALD
NDRC *Conslt & Mbr Applied Math Panel*
- VENABLE, CHARLES S.
NDRC *Conslt Div 9*
- VIDRO, EDWARD F., JR.
OFS *Contr Employee*
- VINAL, FRANCIS E.
NDRC *Tech Aide Sec B8 Div B; Sec 11.2 Div 11*
- VINAL, GEORGE W.
NDRC *Conslt Div 4*
- VINCENT, SYDNEY A.
NDRC *Mbr Div 2*
- VITELES, MORRIS S.
NDRC *Conslt Div C; Div 6. Mbr Applied Psychology Panel*
- VON HIPPEL, ARTHUR
NDRC *Mbr-at-Large Engineering Panel; Engineering & Transition Ofc*
- VON KÁRMÁN, THEODORE
NDRC *Conslt Secs X, B Div A; Sec C2 Div C; Div 2; Div 12*
- VON NEWMAN, JOHN
NDRC *Conslt Sec A1 Div B; Div 2. Mbr Sec B1b Div B; Div 2*
- WAGNER, CHARLES D.
NDRC *Tech Aide Div 10*

- WAGNER, EDMOND M.
NDRC *Chief Engineering Ofc Engineering & Transition Ofc*
- WAKSMAN, S. A.
NDRC *Spec Conslt* to Chmn. *Conslt* Sec 11.2 Div 11; Tropical Deterioration Admin Comm
- WALCOTT, FREDERICK C.
NDRC *Conslt* Div 1
- WALD, ABRAHAM
NDRC *Conslt* Applied Math Panel
- WALKER, ARTHUR M.
CMR *Tech Aide*
- WALKER, ROBERT JOHN
NDRC *Conslt* Div 3
- WALKER, SUSIE W.
OES *Chief Admin Services Sec*
- WALL, F. T.
NDRC *Conslt* Div 10
- WALLACE, THOMAS H.
Tech Asst Historians Ofc
- WALLING, CHEVES T.
CMR *Tech Aide* Div Malaria
- WALLIS, E. S.
NDRC *Mbr* Sec L5 Div B
- WALLIS, W. ALLEN
OFS *Contr Employee*
- WALTERS, ELIZABETH VON K. BALLARD
Tech Aide Ofc NDRC *Mbr* Roger Adams
- WALTERS, WINSTON D.
NDRC *Tech Aide* Secs B5, B6 Div B; Div 10
- WANGENSTEEN, OWEN H.
CMR *Conslt*
- WANNIER, GREGORY H.
OFS *Contr Employee*
- WANTUGH, OTTO A.
NDRC *Tech Aide* Sec 6.1 Div 6
- WARD, JULIUS C.
Chmn Rodent Control Subcomm Insect Control Comm
- WARD, MORGAN
NDRC *Conslt* Sec H Div A
- WARDENBURG, FREDERIC A. C.
OFS *Conslt*
- WARING, CHARLES EDWARD
NDRC *Conslt* Tropical Deterioration Admin Comm
- WARING, CHARLES EMMETT
LO *Tech Aide* (Washington & London)
NDRC *Tech Aide* Sec 16.2 Div 16
- WARNER, ROGER S.
NDRC *Tech Aide* Secs C2, C3 Div C; Divs 3, 12
- WARREN, BERTRAM E.
NDRC *Mbr* Sec 5.2 Div 5
CMR *Conslt*
- WARTHMAN, KENNETH L.
NDRC *Conslt* Div A; Sec T Div A
- WATERMAN, ALAN T.
OFS *Dpty Chief & Chief*
NDRC *Vice Chmn* Div D. *Asst* to NDRC *Mbr* Karl T. Compton. *Mbr* Div 14
Mbr Insect Control Comm
- WATERS, LEVIN L.
CMR *Tech Aide* CMR; Sec 1 Div Chemistry
- WATSON, ERNEST C.
NDRC *Conslt* Sec X Div A. *Mbr* Div A; Sec H Div A; Div 3
- WATSON, FLETCHER G.
NDRC *Tech Aide* Sec D1 Div D
- WATSON, HELEN M.
Tech Aide OSRD Directors Ofc
NDRC *Tech Aide* Div 1; *Tech Rpts Sec. Conslt* Div Admin Group
- WEARN, JOSEPH T.
Mbr Insect Control Comm
CMR *Chief* Div Physiology. *Tech Aide & Conslt* CMR
- WEATHERBY, B. B.
NDRC *Conslt* Div A; Sec X Div A; Div 2
- WEAVER, HAROLD F.
NDRC *Tech Aide & Conslt* Sec 16.1 Div 16
- WEAVER, WARREN
NDRC *Chief* Sec 7.5 Div 7; Applied Math Panel. *Chmn* Sec D2 Div D. *Mbr* Secs H, T Div A; Divs 7, 14
- WEBSTER, WILLIAM
NDRC *Asst Chief* Transition Ofc Engineering & Transition Ofc
- WEECH, ALEXANDER A.
CMR *Spec Conslt* CMR; Sec 1 Div Medicine
- WEED, LEWIS H.
CMR *Vice Chmn & Mbr*
- WEEKS, DOROTHY W.
LO *Tech Aide*
NDRC *Tech Aide* *Tech Rpts* Sec
- WEEKS, PAUL T.
NDRC *Conslt* Div A; Sec T Div A
- WEHAUSEN, JOHN V.
OFS *Contr Employee*
- WEIDLEIN, EDWARD R.
NDRC *Conslt* Div B. *Mbr* Sec A Div A; Div 1
- WEISER, HARRY B.
NDRC *Conslt* Sec B9a Div B
- WEITH, ARCHIE J.
NDRC *Chmn* Sec B8b Div B. *Mbr* Secs L2, B8b Div B; Sec 11.2 Div 11
- WELLS, H. W.
NDRC *Mbr* Sec 13.2 Div 13
- WENSEL, H. T.
Tech Aide S-1 Exec Comm
NDRC *Tech Aide* S-1 Sec
- WENTE, E. C.
NDRC *Mbr* Sec 17.3 Div 17
- WESTHEIMER, F. H.
NDRC *Conslt* Sec B3a Div B. *Mbr* Sec 8.2 Div 8
- WETMORE, ALEXANDER
Mbr Council Scientific Persnl
- WEVER, ERNEST G.
NDRC *Conslt* Divs C, 6
Conslt Sensory Devices Comm
- WEYL, C. HERMANN
NDRC *Conslt* Applied Math Panel
- WHEELER, J. A.
NDRC *Conslt* Theoretical Aspects Subsec S-1 Sec

WHIPPLE, ALLEN O.
CMR *Conslt* CMR; Sec 1 Div Surgery

WHITE, ALBERT E.
NDRC *Chmn* Secs L9, B8c Div B

WHITE, HARVEY E.
NDRC *Mbr* Secs 16.2, 16.5 Div 16

WHITE, MARSH W.
OFS *Contr Employee*

WHITE, MERIT P.
NDRC *Tech Aide* Sec B Div A; Div 2

WHITE, MILTON G.
NDRC *Conslt* Sec D1 Div D. *Mbr* Vacuum Tube Development Comm

WHITE, WILLIAM C. O.
NDRC *Tech Aide* Div 8; Sec 8.1 Div 8

WHITEHEAD, RICHARD H.
NDRC *Mbr* Sec C2 Div C; Div 12

WHITEHORN, JOHN C.
OFS *Contr Employee*

WHITESSELL, MARIE F.
Tech Aide Insect Control Comm
CMR *Tech Aide* Div Chemistry

WHITMORE, FRANK C.
NDRC *Chmn* Sec B2 Div B. *Conslt* Sec B1 Div B. *Mbr* Secs A1, B2a Div B; Sec 8.2 Div 8; Sec 16.3 Div 16

WHITSON, WILLIAM L.
NDRC *Conslt* Div 4

WHITTAKER, EDWARD R.
OFS *Contr Employee*

WICHUM, VICTOR
NDRC *Engnr* Div 1

WIENER, NORBERT
NDRC *Conslt* Div D

WIGNER, E. P.
NDRC *Conslt* Theoretical Aspects Subsec S-1 Sec

WIGG, EDWIN I.
NDRC *Mbr* Sec L11 Div B. *Conslt* Div 10

WILBUR, G. A.
OES *Persnl Officer* Div Persnl Operations & Management

WILBUR, J. B.
NDRC *Conslt* Div A; Div 2. *Mbr* Sec B Div A

WILCOX, ROSS C.
NDRC *Tech Aide* Secs B8, B9 Div B; Sec 11.2 Div 11

WILDES, KARL L.
NDRC *Tech Aide* Div 7

WILDS, A. L.
NDRC *Conslt* Div 9

WILKS, SAMUEL S.
NDRC *Tech Aide & Mbr* Applied Math Panel. *Conslt* Sec C4 Div C; Div 6

WILLARD, HOBART H.
NDRC *Mbr* Sec A3 Div B. *Conslt* Sec B3b Div B

WILLIAMS, MAJ. GEN. C. C.
NDRC *Mbr* NDRC. War Dept *Liaison Officer* for NDRC

WILLIAMS, CLYDE
NDRC *Chief* Div 18. *Mbr* Engineering Panel

WILLIAMS, D. B.
NDRC *Mbr* Secs L13, B7a, B8c Div B. *Conslt* Secs 11.2 Div 11

WILLIAMS, LT. (J.G.) FRED T. (USNR)
OES *Assoc Patent Advisor* Patent Div (assigned to NDRC Divs 8, 9, 10, 11, 19 & CMR)

WILLIAMS, JOHN D.
NDRC *Conslt* Div 5; Applied Math Panel

WILLIAMS, JOHN W.
NDRC *Conslt* Sec B1 Div B

WILLIAMS, JONATHAN W.
NDRC *Tech Aide* Divs B, 9. *Conslt* Div 9

WILLIAMS, RICHARD A.
OES *Asst* to Chief Contract Sec

WILLIAMS, ROBERT S.
NDRC *Mbr* Secs B8c, L9 Div B; Sec M

WILLIAMS, COL. WILLIAM H.
NDRC *Asst War Dept Liaison Officer* for NDRC

WILLIAMS, XENIA S.
OES *Admin Asst* Security Sec

WILLIS, C. H.
NDRC *Mbr* Sec 17.2 Div 17

WILLIS, H. H.
NDRC *Mbr* Sec D1 Div D; Div 14

WILSON, CARROLL L.
Exec Asst & Spec Conslt to OSRD Director. *Liaison Officer* Directors Ofc
Mbr Publications Comm
NDRC *Mbr* Div D

WILSON, E. BRIGHT
NDRC *Chief* Div 2. *Chmn* Sec B1 Div B. *Conslt* Sec B Div A; Div 2. *Mbr* Sec B1a Div B; Div 8

WILSON, ERNEST E. (deceased)
NDRC *Conslt* Sec C3 Div C

WILSON, RALPH E.
OFS *Contr Employee*

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NDRC *Tech Aide* Sec 7.2 Div 7

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WOODBURY, C. A.

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WRIGHT, FREDERICK E.

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YOST, DON M.

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NDRC *Tech Aide* Divs 16, 17

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ZAPP, JOHN A.

NDRC *Conslt* Div 9

ZIDE, MAXWELL P.

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NDRC *Conslt* Sec A Div A

ZIMMER, J. C.

NDRC *Mbr* Secs B7a, B7c, L13 Div B

ZIMMERMANN, VERNA M.

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ZWORYKIN, V. K.

NDRC *Mbr* Sec C6 Div C; Sec 12.1 Div 12; Sec 16.5 Div 16. *Conslt* Sec D3 Div D; Sec 16.2 Div 16